

FE620

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

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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 16-county region in northwest 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 time period are highlighted. Additional reports are available for other major regions of Florida.

In 2002, the northwest region of Florida had more than 5,700 farms and over 1 million acres of farmland with an estimated asset value of land and buildings exceeding \$2 billion. Beef and cattle ranching and farming dominated the farm numbers in the region, while woodland not pastured constituted about 310,000 acres, or 30 percent of the reported farmland. Major areas of agricultural activities in the northwest region of Florida included livestock, poultry, milk and dairy products; nursery, greenhouse, and sod; and vegetables, melons and potatoes. The market value of agricultural products sold in the northwest region of Florida exceeded \$275 million in 2002, where the value of all livestock including poultry and their products constituted about \$86 million, or 31 percent of the regional total. Net farm cash income from farm operations exceeded \$31 million for all farms in the region for the same period. Jackson County had the highest farm numbers, farm acreage, and estimated asset value of land and buildings, while Gadsden County had the highest value of all agricultural products sold in the northwest region of Florida. Changes in the region during the 1997-2002 period included a 4 percent decline in the number of farms and an 11 percent decline in cropland acreage. However, the market value of all agricultural products sold decreased only 2 percent between the two census periods. The value of poultry and eggs decreased 43 percent and the value of all livestock and their products decreased by 14 percent during the 1997-2002 time period.

The total economic impacts for all agriculture and natural resource industries in the northwest region of Florida exceeded \$3 billion in output in 2002. The forestry and related wood and paper products industry was the largest sector, contributing more than \$1.3 billion in total output impacts and accounting for 44 percent of the total in the region. More than 33,000 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 9,700 jobs and accounted for over 29 percent of total employment impacts for all industry groups in the region. The total value-added impacts of agricultural and natural resource industries exceeded \$1.4 billion in 2002. Once again, the forestry, wood, and paper products industry group with \$586 billion in value-added impacts accounted for 43 percent of the total value-added impacts (the highest for the region). In terms of economic impacts, Escambia County had the highest output impacts, employment impacts, and value-added impacts in the northwest region of Florida.

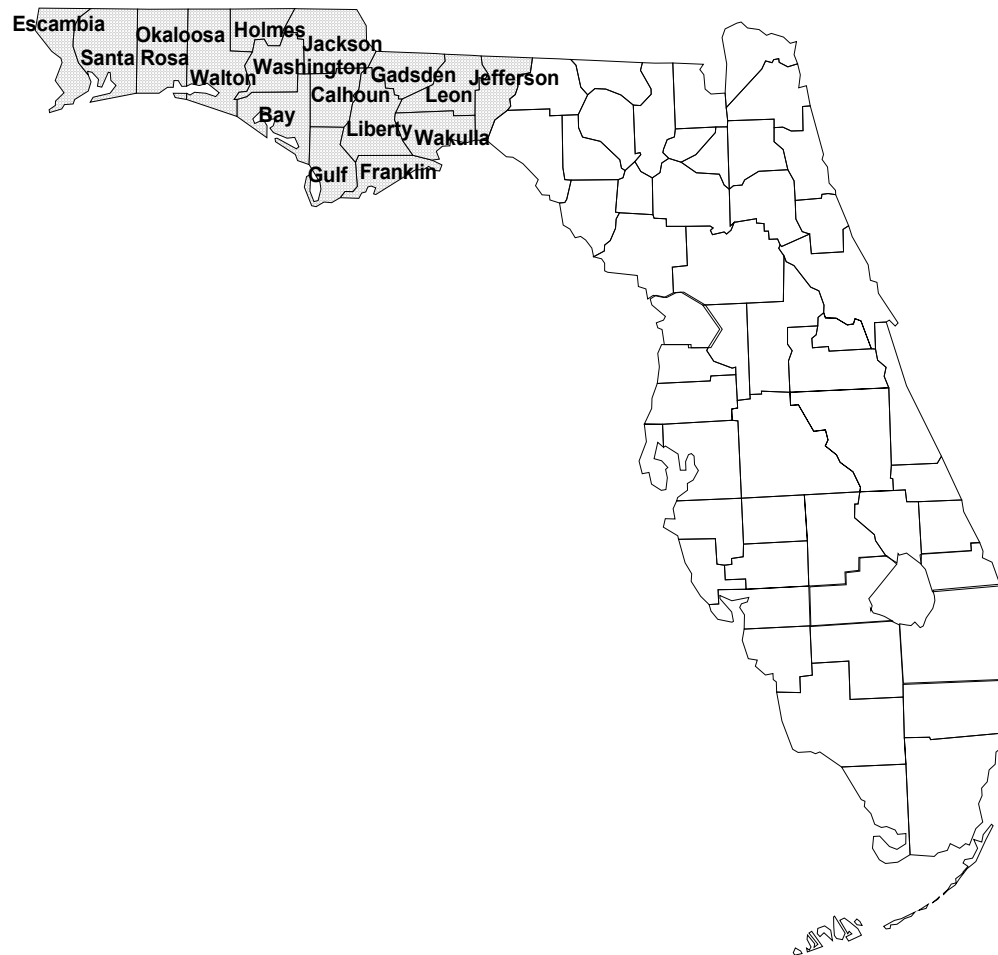


Figure 1. Study area in the northwest region of Florida: Bay, Calhoun, Escambia, Franklin, Gadsden, Gulf, Holmes, Jackson, Jefferson, Leon, Liberty, Okaloosa, Santa Rosa, Wakulla, Walton, and Washington Counties.

Introduction

This report provides a profile of agriculture and natural resource industries and an overview of their economic impacts for a 16-county region in northwest Florida (Figure 1). Additional reports provide similar information for the central, northeast, 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 over 5,700 farms in the northwest region of Florida in 2002, accounting for 13 percent of all farms in the state (Table 1). Beef and cattle ranching and farming constituted the largest number of farms (1800), or more than 33 percent of all farms in this region. The other crop farming category (tobacco, cotton, hay, and sugarcane) ranked second (1,383 farms), while animal aquaculture and other animal production (961 farms) ranked third. The northwest region had only a few tobacco farms. Jackson County with 920 farms had the highest number of farms in the northwest region (16 percent of all farms in the region). Escambia and Holmes counties each had more than 670 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, U.S. Department of Agriculture.

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

The northwest region had more than 1,014,000 acres of land in farms, accounting for 10 percent of the total farming acreage for Florida (Table 2). Within the region, Jackson County had the largest farm acreage (more than 226,000 acres, or 22 percent of all farmland in the region) and Jefferson County was second in the region (more than 132,000 acres, or 13 percent of the regional total). The largest average farm size was in Calhoun County (325 acres per farm), and Jefferson County ranked second (318 acres per farm). An average farm size of less than 100 acres was reported for Bay, Escambia, and Wakulla Counties.

The estimated asset value of land and buildings for the northwest region exceeded \$2.1 billion, accounting for 17 percent of total value for all of Florida and for an average value of \$361,000 per farm in the region. Across the region, Jackson County had the highest value for land and buildings (\$367 million), while Jefferson County had the second highest total (\$244 million). The average value of land and building per farm ranged from close to \$200,000 in Liberty County upwards to more than \$584,000 in Jefferson County.

For the region as a whole, the total number of farms decreased by 4 percent, total farm acreage decreased by 1 percent, and total asset values increased by 37 percent during the 1997-2002 period. Not all counties, however, followed the regional patterns of change. The number of farms reported in Bay County increased by 17 percent between the two census periods, and smaller percentage increases in farm numbers were reported in Escambia, Liberty, and Okaloosa Counties. Farm numbers remained unchanged in Wakulla County and decreased in all other counties in the region. The number of farms reported in Gulf County decreased by 32 percent between the two census periods, and farm numbers in several counties decreased by more than 10 percent.

Overall farm numbers, however, do not always tell the entire story relative to changes in agriculture at the county level. The increase of 17 percent in the number of farms in Bay County (1997-2002) is a case in point. The increase in farm numbers in Bay County came primarily in the groups of farms in the 1-49 acres category (25 farms) and there was a decrease in farms in the 50-more acres category (8 farms). The numbers reflect the increasing popularity of smaller farms.

Across the region, the estimated value of farm investments in land and buildings increased by 37 percent between 1997 and 2002. All counties in the region, except one, had increases in the value of land and buildings, with 9 counties exceeding the average increase for the region. Escambia County had the highest increase (69 percent) in the estimated asset value of land and buildings, while the total value of land and buildings decreased in Franklin County by 8 percent.

The reported farm acreage increased for Bay County by 19 percent (the largest increase), and farm acreage reported in Washington County decreased by 11 percent (the largest decrease). Seven other counties reported increases in farm acreage. As noted earlier, the net effect at the regional level was a modest decline in reported farm acreage over the 1997-2002 period.

Farmland Use

Agricultural lands in the northwest region of Florida were used mainly for cropland, nursery, greenhouse, floriculture, pasture, rangeland, and woodland. There were more than 401,000 acres used as cropland in the region in 2002. Harvested cropland constituted only 61 of the total cropland (Figure 2). Nursery, greenhouse, and floriculture included more than 569,000 square feet under glass or other protection plus 3,888 acres in the open. More than 270,000 acres were under all types of pasture, and there were 391,000 acres in farm woodland, with 20 percent of it used as pasture. Land enrolled in conservation or Wetlands Reserve Programs and federal or other crop insurance programs represented a total of 143,000 acres (Tables 3A & 3B).

For cropland, Jackson County with more than 114,000 acres of cropland ranked first, followed by Santa Rosa and Escambia Counties with 59,000 and 39,000 acres of cropland respectively. Escambia County was by far the largest for nursery, greenhouse, and floriculture, with more than 365,000 square feet under glass or other protection (64 percent of the regional total) in 2002. However, Gadsden County with more than 1,100 acres (29 percent of the regional total) had the highest acreage of nursery, greenhouse, and floriculture in the open.

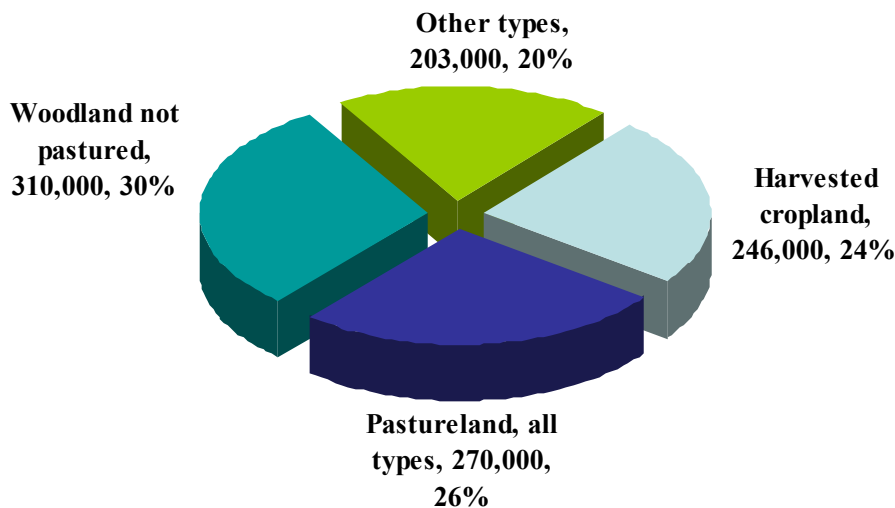


Figure 2. Land use in the northwest region of Florida by acre and percent of total

For the northwest region as a whole, the reported cropland acreage decreased by 11 percent, and pastureland and rangeland acreage increased by 34 percent during the 1997-2002 period. There was, however, significant variation across the region. Reported cropland acreage in 3 counties decreased by a larger percentage than the regional average, with 2 counties reflecting a decrease of more than 30 percent. Reported cropland acreage increased only in 3 counties. Significant increases in cropland acreage were reported for Gulf and Escambia 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 northwest 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 include income from farm-related sources such as custom-work, other agricultural services, or income from non-farm sources.

The total market value of agricultural products sold in the northwest region of Florida exceeded \$275 million in 2002 (Table 4), for an average value of more than \$46,000 per farm. Gadsden County with more than \$266,000 and Okaloosa County with \$14,000 per farm market value of all agricultural products sold registered the highest and the lowest value for the region, respectively. Total farm production expenses exceeded \$268 million, for an average of \$42,732 per farm. Net farm cash income from operations in 2002 exceeded \$31 million for all farms in the region. Net farm cash income from operations was negative for 7 counties. Gadsden County registered the highest market value of agricultural products sold in the northwest region, with more than \$91 million (33 percent of the regional total), and it also had the highest net farm cash income from operations (\$29 million, or 95 percent of the regional total). Jackson County with \$36 million ranked second in the market value of agricultural products sold, but it also had more than \$6 million loss of income from operation in 2002 (the highest loss in the region). Across the region, market values of products sold increased by only 2 percent between the two census periods, but decreases in total market values were reported in 11 of the 16 counties in the region. Net farm cash incomes reflected declines in 7 counties.

Market value of agricultural products increased over 123 percent in Liberty County and 78 percent in Leon County. In Wakulla and Washington Counties, the market value of agricultural products decreased by 54 and 46 percent, respectively.

Value of Agricultural Products by Commodity Group

For the northwest region of Florida, the value of livestock, poultry, and their products constituted the highest portion of the market value of agricultural products in 2002, amounting to more than \$85 million, or 31 percent of the regional total (Table 5). The value of nursery, greenhouse, floriculture, and sod ranked second, with about \$30 million, or 11 percent of the regional total. The value of vegetables, melons, potatoes, and sweet potatoes ranked third, with \$9 million (Figure 3). The value of livestock, poultry, and their products in Holmes County exceeded \$27 million (32 percent of the region). Calhoun County had the highest value for nursery, greenhouse, floriculture, and sod products, with more than \$7 million, or 26 percent of the value of all of these products in the region.

Trends during 1997-2002 showed a 14 percent decrease for the value of livestock, poultry, and their products for the region. The value of all crops, including greenhouse/nursery production, did not change from 1977. Within this broader group, the value of poultry decreased 43 percent, while cattle and calves decreased only 8 percent. When compared to other commodity groups, fruits, tree nuts, and berries represent a smaller total value (\$4 million), but their value increased more than threefold during the 1997-2002 period. Various counties in the region, however, did not follow the overall

trend. Washington County had the highest decrease (40 percent) in value of all crops, including greenhouse/nursery production, while Leon County doubled this value during the 1997-2002 period.

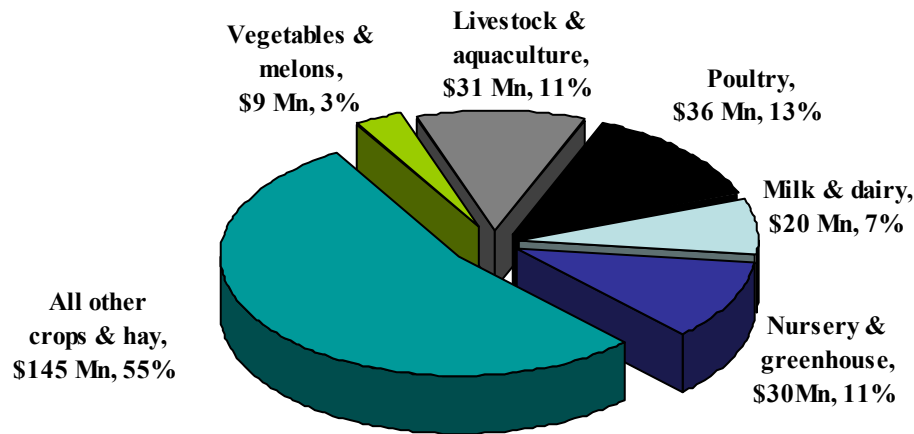


Figure 3. Market value of agricultural products sold in 2002 by commodity group in northwest region of Florida

Principal Operator, Business Organization, and Ethnicity

In 2002, there were about 8,000 farm operators in the northwest region (29 percent were women). Farming was indicated as the primary occupation by 50 percent of all farm operators; however, in some counties, those listing farming as the primary occupation were less than 50 percent (Table 6). Jackson County with more than 1,100 farm operators accounted for 15 percent (the highest number of farm operators in the northwest region). The number of women operators in Jackson County was also the highest in the region.

Trends during the 1997-2002 period showed that the number of farmers who reported farming as primary occupation in the northwest region increased by 21 percent. During the same time period, the number of farms with farming as the primary occupation increased in Bay and Leon Counties by 86 and 65 percent, respectively.

With respect to the type of business organization, most farms (93 percent) in the northwest 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 only 7 percent of the total number of farms. Family and individual farms exceeded 602,000 acres and accounted for 74 percent of all farm acreage in the northwest region (Figure 4). Corporate farm acreage was about 8 percent of the total for the region; however, most of the corporate farms were family held corporations.

The white ethnic group operated most of the farms in the northwest region. Other ethnic groups were 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 91 percent of all farm operators and operated 97 percent of all farm acreage in the region (Table 8). Some counties reported only the white ethnic group as farm operators. Jackson County had the highest white and minority ethnic farms, farm operators, and acreage.

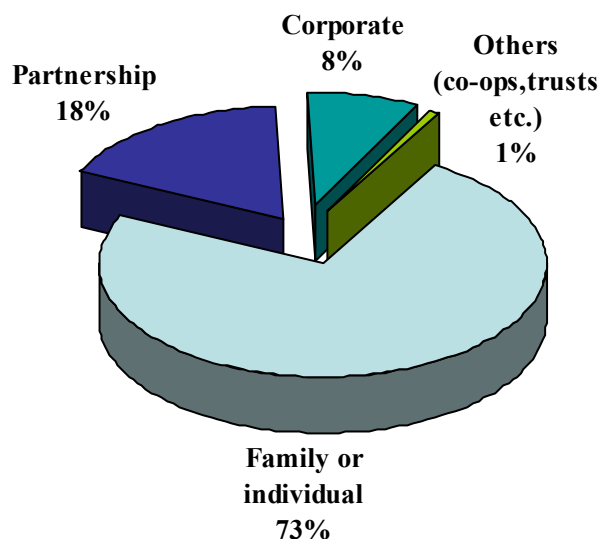


Figure 4. Farm acreage percentages by type of business organization in northwest region of Florida

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

Output Impacts

Table 9 presents estimates of output impacts for agriculture and natural resource industries by sector and by county for the northwest region of Florida. The total output impacts for all counties in the northwest region exceeded \$3 billion. Forestry and related wood and paper products was the largest

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>

industry group, contributing more than \$1.3 billion in total output impacts and accounting for 44 percent of the total in the region. Livestock, dairy farming, and animal product sector with \$407 million was the next largest industry group in the northwest region. Environmental horticulture (greenhouse/nursery production and landscape services) and mining with a total output impact of \$370 million and \$230 million, respectively, were also major contributors to the agriculture and natural resource industries in the northwest region. Fishing and seafood products, grain and oilseed farming and processing, “other” crop farming, and sugarcane farming and refined sugar and confection sectors contributed less to the total output impacts in the region.

In terms of total output impact, Escambia County with more than \$719 million in output impacts ranked first, and Bay County with \$388 million ranked second in output impacts in the northwest region. Forestry, wood, and paper products manufacturing with \$562 million in Escambia County accounted for 42 percent of total output impacts for this industry group in the region and 78 percent of the total output impacts for the county. Gadsden County had the highest output impacts in the fruit and vegetable farming and processing group with \$85 million, and the highest output impacts for the environmental horticultural industry with \$118 million. Walton County with more than \$170 million in output impact of livestock, dairy farming, and animal products registered the highest output impact for this industry group in the northwest region. Santa Rosa County produced more than \$116 million in output impacts in the mining group (the highest for this sector in the northwest region).

Employment Impacts

Employment impacts of agriculture and natural resource industries by county and industry group are reported in Table 10. Over 33,400 full- and part-time jobs are generated by agricultural and natural resource industries in the northwest region. Forestry, wood, and paper products manufacturing (the dominant group) produced over 9,700 jobs, or over 29 percent of total employment impacts for the northwest region. The environmental horticulture industry group (greenhouse/nursery production and landscape services) produced over 7,700 jobs. The livestock, dairy farming, and animal products group and the mining group produced more than 4,000, and 3,500 jobs, respectively (Figure 5).

Escambia County dominated most sectors of the agriculture and natural resource industries. With over 6,700 jobs, it accounted for 20 percent of all employment impacts in the northwest region. Gadsden County with over 4,200 jobs ranked second, and Bay County with more than 3,800 jobs ranked third in the number of jobs produced in the region. Santa Rosa County produced more than 2,800 jobs as the result of its strong mining activities (the highest number in the northwest region), and 80 percent of the mining total in the region. Walton County produced 1,362 jobs in the livestock, dairy farming, and animal products industry group (the highest for this group in the region).

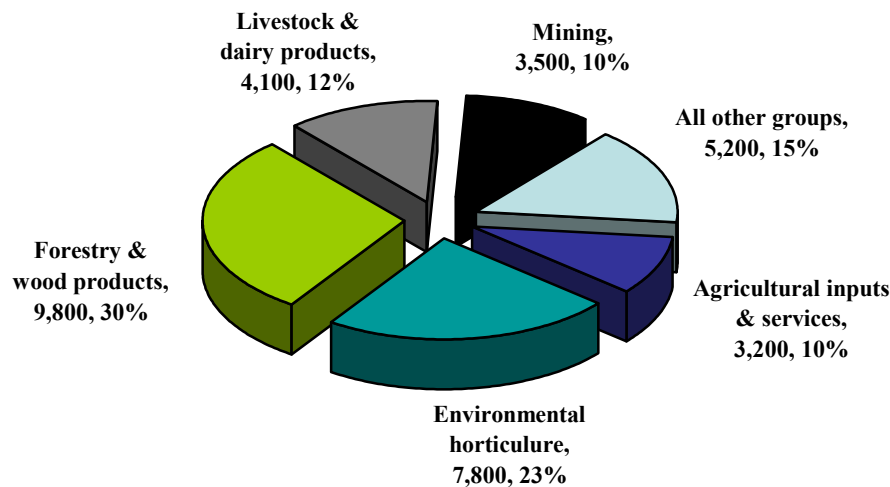


Figure 5. Employment impacts by industry group and the number of jobs in northwest region of Florida

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. Total value-added impacts of agriculture and natural resource industries in the northwest region exceeded \$1.3 billion (Table 11). Forestry, wood, and paper product manufacturing with \$586 million in value-added impacts accounted for 43 percent of the total value-added impacts for the region. Environmental horticulture (greenhouse/nursery production and landscaping services) generated value-added impacts of more than \$253 million. The mining industry group generated more than \$139 million in value-added impacts in the northwest region (Figure 6).

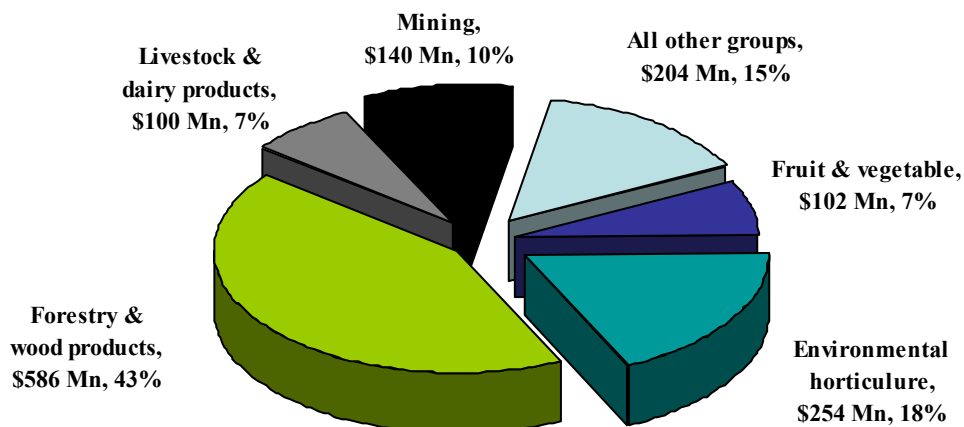


Figure 6. Value-added impacts by industry group in northwest region of Florida

Escambia County with \$340 million, accounted for more than 24 percent of the value-added impacts for all counties in the northwest region. Escambia County's dominant position was in the forestry, wood, and paper products group, which accounted for more than \$269 million, or 79 percent of its total value-added impacts. Gadsden County with \$92 million in value-added impacts in environmental horticulture and Santa Rosa County with \$99 million in value-added impacts in mining topped other counties in those sectors in the northwest region.

Labor Income Impacts

Labor income impacts totaled about \$874 million (Table 12). Over 42 percent of the total labor income impact was due to the activities in the area of forestry, wood, and paper products (\$371 million). Other major contributors included environmental horticulture with \$172 million, agricultural inputs and services with \$86 million, and mining with \$73 million.

For labor income impacts, Escambia County was the largest, with more than \$227 million, or 25 percent of the total labor income impacts for the region, followed by Gadsden County with \$133 million, and Bay County with \$124 million in labor income impacts.

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 over \$76 million for the region (Table 13). Like the other economic impact measures, forestry, wood, and paper products produced the highest indirect business tax impacts, with \$31 million, or 40 percent of the total for the region. Once again, Escambia County dominated the northwest regions with about \$19 million in total indirect business tax impacts, accounting for almost 25 percent of this value for the whole northwest region of Florida.

Acknowledgement

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

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

County	Total farms	Oilseed & grain farming (1111)	Vegetable & melon farming (1112)	Fruit & tree nut farming (1113)	Greenhouse, nursery, & floriculture (1114)	Other crop farming (1119)	Tobacco farming (11191)	Cotton farming (11192)	Sugarcane, hay, & other crop (1119.3, 1119.4, 1119.9)	Beef cattle ranching & farming (112111)	Dairy cattle & milk production (11212)	Hog & pig farming (1122)	Poultry & egg production (1123)	Sheep & goat farming (1124)	Animal aquaculture & other animal production (1125, 1129)
Bay	116	2	6	6	11	5	-	-	5	31	-	4	5	-	46
Calhoun	151	5	5	7	9	40	-	7	33	45	2	8	1	2	27
Escambia	674	37	20	63	46	142	-	24	118	181	9	3	3	11	159
Franklin	20	-	-	-	-	-	-	-	-	2	-	-	1	-	17
Gadsden	343	20	14	44	28	56	-	-	56	115	4	10	-	8	44
Gulf	30	2	-	-	-	-	-	-	-	12	-	-	3	-	13
Holmes	672	16	16	15	14	167	-	4	163	286	18	4	61	11	64
Jackson	920	29	55	40	14	357	-	34	323	312	20	22	2	3	66
Jefferson	418	13	28	53	37	83	2	1	80	109	3	9	2	10	71
Leon	281	3	7	21	31	36	2	-	34	67	1	10	5	6	94
Liberty	67	-	-	1	3	1	-	-	1	24	2	1	4	1	30
Okaloosa	465	1	27	23	21	121	-	9	112	141	4	10	19	13	85
Santa Rosa	505	7	14	30	29	154	-	31	123	141	3	13	2	15	97
Wakulla	126	-	8	2	5	6	-	-	6	41	-	24	6	3	31
Walton	540	12	10	46	7	111	-	4	107	212	10	8	39	9	76
Washington	391	29	9	18	12	104	-	-	104	157	6	2	9	4	41
Total	5,719	176	219	369	267	1,383	4	114	1,265	1,876	82	128	162	96	961

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

County	Farms				Average farm size		Farms less than 100 acres		Farms 100 to 400 acres		Farms 500 acres or more		Estimated asset value of land & buildings				Estimated asset value, machinery & equipment
	(Number)	(% chg)	(Acres)	(% chg)	(Acre/farm)	(% chg)	(Number)	(Acres)	(Number)	(Acres)	(Number)	(Acres)	(\$1000)	(% chg)	(\$/farm)	(\$/acre)	(\$/farm)
Bay	116	17	10,863	29	94	11	103	2,643	10	1,529	3		28,244	60	243,482	2,626	20,307
Calhoun	151	-4	49,107	11	325	16	72	2,718	55	12,024	24	34,365	72,347	31	485,551	1,596	59,619
Escambia	674	10	64,581	8	96	-1	545	15,440	102	20,961	27	28,180	226,444	69	337,473	2,383	19,225
Franklin	20	-31					17	91	2		1		7,128	-8	356,396	1,165	30,118
Gadsden	343	-2	68,140	15	199	18	203	7,234	119	26,071	21	10,431	188,917	11	550,780	2,421	38,211
Gulf	30	-32	4,521	25	151	84	17	607	12	2,554	1		8,753	54	301,835	1,886	14,707
Holmes	672	-8	90,875	-5	135	4	397	18,950	249	44,098	26	19,007	149,661	7	223,042	1,610	26,081
Jackson	920	-4	226,890	-7	247	-2	498	22,343	316	67,956	106	136,591	367,887	44	400,313	1,478	47,604
Jefferson	418	-1	132,727	2	318	4	274	8,158	102	23,146	42	101,423	244,784	40	584,211	1,850	44,245
Leon	281	-12	74,004	5	263	18	218	5,639	47	9,655	16	58,710	148,578	16	530,636	2,085	26,624
Liberty	67	6	9,900	14	148	7	41	666	23	3,465	3		13,395	6	199,919	1,366	22,610
Okaloosa	465	5	55,119	-2	119	-6	326	11,731	123	16,802	16	13,404	136,398	39	292,073	2,539	70,199
Santa Rosa	505	-9	83,790	-3	166	7	372	10,657	89	19,649	44	53,484	202,917	50	401,815	2,649	53,635
Wakulla	126	0	10,900	-8	87	-7	95	1,973	27	5,438	4	1,680	26,489	22	210,229	2,891	26,466
Walton	540	-14	79,910	-8	148	8	356	14,916	156	30,307	28	34,687	176,306	51	325,288	1,889	35,615
Washington	391	-6	53,251	-11	136	-6	236	10,218	136	28,713	19	14,320	129,058	51	329,229	2,288	50,772
Total	5,719	-4	1,014,578	-1	175	7	3,770	133,984	1,568	312,368	381	506,282	2,127,306	37	360,767	2,045	36,627

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

County	All cropland		Harvested cropland		Cropland used only for pasture or grazing		Cropland in cultivated summer fallow		Nursery, greenhouse, floriculture (1), under glass or other protection	Nursery, greenhouse, floriculture (1), in the open
	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Square feet)	(Acres)
Bay	2,976	-4	1,256	19	1,054	-1			25,780	
Calhoun	24,142	-11	19,186	-4	2,020	-48	142			702
Escambia	39,246	11	28,456	0	6,268	284	132	128	365,098	213
Franklin										
Gadsden	15,253	-37	7,616	-46	3,919	-3	272	339		1,110
Gulf	1,027	18	114	-46						
Holmes	36,695	-8	17,694	-3	6,802	26	945	168	23,040	5
Jackson	114,428	-11	73,936	-14	18,819	5	1,455	-8		57
Jefferson	29,884	-10	16,347	-7	7,206	22	354		66,060	686
Leon	11,425	-31	3,705	-20	4,388	-42				289
Liberty	1,232	4	223	-20			-			
Okaloosa	19,684	-6	10,739	7	4,982	58	36	-68		116
Santa Rosa	51,976	-5	45,057	1	3,036	-12	250	0	82,794	694
Wakulla	3,055	-10	1,018	-28	1,103	493				16
Walton	32,143	-10	12,570	-15	10,725	34	501	332	6,868	
Washington	18,404	-27	8,512	-36						
Total	401,570	-11	246,429	-10	70,322	13	4,087	56	569,640	3,888

(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, northwest region of Florida, 2002, and percent change, 1997-2002

County	Pasture & rangeland, other than cropland & woodland pastured		Pastureland, all types		Woodland		Woodland pastured		Woodland not pastured		Land in conservation or wetlands reserve programs		Certified organically produced crop lands	Land enrolled in federal or other crop insurance programs
	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(% chg)	(Acres)	(Acres)
Bay	1,309	-10	2,910	-5	5,394	63	935	39	4,459	69				
Calhoun	3,642	196	7,698	43	19,412	36	1,120	25	18,292	37	1,990	-59		14,996
Escambia	6,254	118	14,290	9	14,565	-6	3,514	-27	11,051	3	3,077	-2		22,457
Franklin					668	-83								
Gadsden	5,117	40	14,752	11	43,511	73	5,917	59	37,594	76	2,196	-22	21	880
Gulf														
Holmes	15,682	95	35,578	10	29,034	-27	7,697	-6	21,337	-33	8,818	-29		8,706
Jackson	38,481	62	71,406	19	61,904	-18	11,252	-2	50,652	-21	17,508	3	257	47,150
Jackson	38,481	62	71,406	19	61,									
Jefferson	10,462	-29	31,352	-37	78,797	7	14,559	-43	64,238	33	7,603	10	39	5,449
Leon	5,788	5	11,320	-1	51,455	29	2,200	37	49,255	29	1,310	-80	36	
Liberty			6,676	22	7,042	7	4,279	0	2,763	21				
Okaloosa	5,333	14	20,019	7	25,349	-7	10,723	65	14,626	-30	6,333	3		5,510
Santa Rosa	4,634	-26	18,953	-5	22,676	8	10,436	49	12,240	-12	4,548	18		34,949
Wakulla	1,268	-20	4,457	-16	5,935	2	2,255	16	3,680	-5			6	
Walton	16,861	47	30,902	-2	25,387	-23	5,193	-27	20,194	-22	6,097	-48		3,801
Washington														
Total	114,831	34	270,313	0	391,129	2	80,080	-4	310,381	5	59,480	-21	359	143,898

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, northwest 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)	(\$/farm)	(\$1000)	(\$/farm)
Bay	2,157	-23	18,592	-34		1,911	16,476	1,206	10,398
Calhoun	14,390	-12	95,300	-9	1,046	14,312	96,055	2,441	16,383
Escambia	15,676	-5	23,258	-14	2,473	17,062	25,428	-875	-1,305
Franklin	385		19,257			199	9,940	191	9,542
Gadsden	91,377	-2	266,404	1	148	62,592	182,483	29,881	87,117
Gulf	489	24	16,308	83		523	18,035	72	2,491
Holmes	30,223	-22	44,975	-14	908	24,726	36,850	7,734	11,526
Jackson	36,470	-28	39,641	-25	3,158	46,483	50,581	-6,214	-6,762
Jefferson	21,154	15	50,608	16	606	26,189	62,503	-294	-701
Leon	6,659	78	23,699	101	201	8,797	31,418	-175	-625
Liberty	1,497	123	22,339	110		925	13,800	401	5,982
Okaloosa	6,540	-33	14,065	-36	418	8,423	18,036	-1,220	-2,613
Santa Rosa	20,997	-28	41,579	-21	2,423	21,602	42,776	1,015	2,010
Wakulla	1,584	-54	12,571	-54	34	1,755	13,930	-101	-801
Walton	20,055	-16	37,139	-1	346	27,001	49,817	-3,183	-5,873
Washington	5,506	-46	14,081	-42	411	6,112	15,591	698	1,782
Total	275,159	-2	46,239	4	12,172	268,612	42,732	31,577	8,034

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

County	All crops, including nursery and greenhouse		Vegetables, melons, potatoes, & sweet potatoes		Fruits, tree nuts & berries		Nursery, greenhouse, floriculture & sod		Other crops & hay		Livestock, poultry & their products		Poultry & eggs		Cattle & calves		Milk & other dairy products from cows		Hogs & pigs		Sheep, goats & their products		Horses, ponies, mules, burros & donkeys		Aquaculture	
	(\$1000)	(% chg)	(\$1000)		(\$1000)	(% chg)	(\$1000)		(\$1000)		(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)	(% chg)	(\$1000)		(\$1000)		(\$1000)	(% chg)
Bay	1,881	-24	31		153	89	1,527		153		275	-15	8		56	-27			3	-84	1		68		3	
Calhoun	13,152	-10	161				7,775		2,099		1,238	-30			546	4			76		4		30			
Escambia	10,370	9	170		617		3,978		1,155		5,306	-25	4		1,409	-14	2,273	-41	22		14		233		1,157	
Franklin											385															
Gadsden	90,268	5							140		1,108	-85			877	-17	118		66	-62			14			
Gulf													1		83	-16										
Holmes	2,920	-42	925		137				1,244		27,303	-18	20,750	-26	3,616	42	2,632	-1	86	-49			175			
Jackson	24,845	-34	6,034		479				10,471		11,624	-12			5,954	-1	4,568	-11			28		201			
Jefferson	9,317	-35	331		888		5,086		998		11,837	187	9		2,126	-9	9,590		21	-69	14		70			
Leon	4,432	210	189		332		3,262		256		2,228	-4	3	-82					34	-62	4		137		14	
Liberty									19				8		219	89										
Okaloosa	3,575	-34	168		361	622	1,060		1,175		2,965	-31	1,845	-33	591	-40			26	-70	10		180			
Santa Rosa	19,149	-29	288				4,842		7,229		1,848	-12			1,269	-10			65	5	44		212			
Wakulla	642	26					355		132		942	-68	6		272	-39							12			
Walton	4,538	-5	317		739		2,247		808		15,517	-18	12,452	-18	2,662	-21	180		21	-58			131			
Washington	2,288	-40	582		341	267	170		672		3,217	-49	1,025	-57	1,055	-47	1,028	-24					70			
Total	187,377	0	9,196		4,047	377	30,302		26,551		85,793	-14	36,111	-43	20,735	-8	20,389	-19	420	-56	119		1,533		1,174	

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

County	Total operators	Total women operators	Primary occupation farming		Primary occupation other		Female farms			
	(Number)	(Number)	(Number)	(% chg)	(Number)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)
Bay	149	44	69	86	47	-24	24	41	343	-32
Calhoun	213	59	75	-9	76	1	20	100	2,673	-59
Escambia	917	263	364	59	310	-19	100	59	4,505	-29
Franklin	34	11	17	31	3	-81				
Gadsden	499	138	194	46	149	-32	37	-8	5,308	5
Gulf	42	12	10	-33	20	-31	1	-75		
Holmes	889	221	344	13	328	-24	68	-8	7,138	-22
Jackson	1,194	310	473	2	447	-10	121	13	17,510	-7
Jefferson	582	189	147	11	271	-7	89	107	21,308	208
Leon	424	156	137	65	144	-39	67	56	13,769	-37
Liberty	82	17	30	30	37	-8	10	-29	1,656	2
Okaloosa	704	237	216	44	249	-15	67	6	7,159	-19
Santa Rosa	703	205	265	5	240	-22	68	51	3,442	3
Wakulla	180	53	61	24	65	-16	23	-15	929	7
Walton	792	263	260	13	280	-30	96	16	7,468	-21
Washington	512	154	187	26	204	-24	71	69	5,764	9
Total	7,916	2,332	2,849	21	2,870	-21	862	28	98,972	-5

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

County	Family or individual farms				Partnership farms				Corporation family-held farms				Corporation other than family held farms		Other-cooperative, estate or trust, institutional, etc		
	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Acres)	(% chg)	(Number)	(% chg)	(Number)	(% chg)	(Acres)
Bay	105	19	5,103	-17	7	75			3	-57			1				
Calhoun	135	-3	38,185	42	4	-43	8,483	-4	6	-40	458		1		5	400	
Escambia	650	15	59,104	24	15	-50			6	-33	72	-94	1	-75	2	-60	
Franklin	13	-38	611	-85	6	-25	6		1								
Gadsden	304	0	52,744	37	24	14	6,790	-22	11	-42	4,820	-44	2	-67	2	100	
Gulf	26	-30	3,791	27	4	100	730										
Holmes	644	-8	81,113	-6	22	-12	7,189	24	5	-17					1	-83	
Jackson	856	0	186,616	-2	38	-47	25,113	-8	19	-37	8,627	-61			7	133	6,534
Jefferson	370	-1			28	22	56,677	230	18	-14	14,801	154	2	100			
Leon	239	-16			24	33	19,706	27	17	89	34,440				1	-67	
Liberty	62	24	9,657	75	4	-33			1	-86							
Okaloosa	450	11	45,740	-2	6	-79			9	29							
Santa Rosa	475	-6	68,741	-3	16	-30	7,762	-1	9	-44			3	-40	2	-67	
Wakulla	123	7			3	-50											
Walton	511	-14			20	-23	9,559	92	6	-40	2,772	-51	1	0	2	-33	
Washington	383	-1	50,675	-6	4	-69	1,756	-22	3	-70					1	-83	
Total	5,346	-1	602,080	-24	225	-28	143,771	25	114	-33	65,990	25	11	-59	23	-43	6,534

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, northwest region of Florida, 2002

County	White			Black or African American			Spanish, Hispanic, or Latino oOrigin			Other ethnic groups*		
	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)	(Farms)	(Operators)	(Acres)
Bay	109	138	10723	3	3	120	1	1		7	8	20
Calhoun	146	193	48897	5	5	210	4	4	68	4	6	160
Escambia	617	822	63268	27	47	526	12	12	471	38	38	1105
Franklin	20	34								0	0	0
Gadsden	307	436	65878	44	54	2584	6	6	791	2	2	0
Gulf	30	42	4521							0	0	0
Holmes	653	854	88950	14	14	1268	8	8	276	11	15	851
Jackson	832	1066	213746	87	104	15193	11	11	671	14	14	1300
Jefferson	379	534	131571	37	40	1637	16	21	3575	6	6	129
Leon	238	341	73017	46	61	949	8	8	292	8	8	100
Liberty	67	82	9900							0	0	0
Okaloosa	461	678	54829				9	13	722	12	15	498
Santa Rosa	482	649	83282	9	9	65	5	7	556	26	39	833
Wakulla	107	160	10759	19	19	141	10	12	275	0	0	0
Walton	530	739	78690	3	3	338	15	20	1432	23	26	2192
Washington	369	474	51749	5	5	640	3	3	250	30	32	3610
Total	5,347	7,242	989,780	299	364	23,671	108	126	9,379	181	209	10,798

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, northwest region of Florida, 2002 data

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Agricultural Inputs & Services									(\$Million)								
Agriculture & forestry activities	6.4	0.2	6.1	0.1	9.6	0.2	0.0	1.0	1.2	19.7	0.1	0.4	5.4	0.1	0.2	0.0	50.7
Farm machinery & equipment mfg	0.0	0.0	0.2	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	1.0
Fertilizer, mixing only, mfg	0.0	0.0	0.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.3	0.0	0.5	0.0	0.0	1.3
Lawn/garden equipment mfg	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	1.0
New farm housing units/additions	7.3	0.5	13.3	0.5	1.2	0.4	0.5	1.0	0.4	9.3	0.5	6.8	4.5	0.8	2.0	0.7	49.6
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
Veterinary services	11.5	0.2	20.1	0.4	2.6	0.3	0.0	0.9	1.8	30.0	0.0	15.7	9.2	0.9	2.3	0.4	96.4
Total	25.1	0.9	40.3	1.0	20.5	0.9	0.5	2.9	4.9	59.0	0.6	23.3	19.1	2.3	4.5	1.1	206.9
Environmental Horticulture																	
Greenhouse/nursery production	5.3	9.5	3.7	0.0	111.3	0.0	3.9	7.3	17.5	4.7	0.8	0.7	11.0	0.2	1.4	0.3	177.6
Landscape services (70% bldgs)	30.5	0.2	37.9	0.2	7.3	0.3	0.4	1.6	1.6	44.6	0.4	30.0	22.0	3.2	12.0	0.9	193.0
Total	35.8	9.7	41.6	0.2	118.6	0.3	4.4	8.8	19.1	49.2	1.1	30.7	33.0	3.4	13.4	1.2	370.5
Fishing & Seafood Products																	
Fishing	7.4	0.0	6.3	7.1	0.0	1.2	0.0	0.0	0.0	2.6	0.0	4.7	0.0	0.0	0.0	0.0	29.2
Seafood product prep/packaging	11.9	0.0	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	0.0	63.0
Total	19.3	0.0	6.3	35.8	0.0	1.2	0.0	0.0	0.0	2.6	0.0	4.7	0.0	22.3	0.0	0.0	92.2
Forestry, Wood & Paper Product Mfg																	
Coated & laminated paper/packaging	0.0	0.0	33.3	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	33.3
Coated & uncoated paper bag mfg	0.0	0.0	69.3	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	69.3
Cut stock/resawing lumber/planting	0.0	3.4	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	0.0	3.4
Engineered wood & truss mfg	2.8	0.0	10.4	0.0	65.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.6	0.0	89.2
Envelope manufacturing	0.0	0.0	0.9	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	0.9
Forest nurseries/products/timber	7.4	3.1	22.2	0.0	7.5	0.0	0.0	0.0	5.0	3.0	4.2	0.0	12.9	0.0	0.6	3.1	68.8
Logging	25.9	32.7	22.8	8.4	1.0	17.8	13.8	16.7	29.0	7.3	32.4	13.6	10.5	0.0	0.3	26.3	258.7
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	1.1	0.0	0.0	0.0	0.0	1.1
Other millwork, including flooring	21.0	0.0	0.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	7.2	0.0	0.0	0.0	29.2
Paper & paperboard mills	231.6	0.0	389.5	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	621.1
Paperboard container mfg	0.0	0.0	7.7	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	7.7
Sawmills	0.0	15.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.0	13.3	0.0	0.0	0.0	1.7	31.6
Veneer & plywood mfg	0.0	0.0	0.0	0.0	19.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.1
Wood container/pallet mfg	0.4	0.0	3.7	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	4.4
Wood preservation	0.0	0.0	2.1	0.0	0.0	0.0	0.0	78.0	0.0	0.0	19.3	0.0	0.0	0.0	0.0	0.0	99.4
Wood windows/doors mfg	4.0	0.0	0.7	0.0	0.0	0.0	0.0	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	5.1
Total	293.1	54.2	562.9	8.4	93.0	18.0	14.5	95.3	34.0	10.5	56.9	28.3	30.5	0.0	11.6	31.1	1342.2

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Fruit & Vegetable Farming &																	
									(\$Million)								
Frozen food manufacturing	1.3	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	0.0	0.0	1.3
Fruit farming	0.9	0.1	3.7	0.0	6.1	0.0	1.6	4.3	4.6	2.3	0.0	1.8	1.5	0.0	1.7	5.2	34.0
Vegetable & melon farming	0.3	0.4	0.4	0.0	79.4	0.0	3.0	48.3	1.2	0.5	0.0	0.4	1.5	6.9	0.6	3.3	146.2
Total	2.4	0.5	4.2	0.0	85.5	0.0	4.6	52.7	5.8	2.8	0.0	2.1	3.0	6.9	2.3	8.5	181.4
Grain & Oilseed Farming & Processing																	
Flour milling	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	1.8
Grain farming	0.2	0.1	1.1	0.0	0.3	0.0	0.2	4.0	1.8	0.2	0.0	0.1	0.2	0.0	0.1	0.6	8.9
Oilseed farming	0.0	0.1	0.6	0.0	0.0	0.0	0.1	0.6	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.3	2.4
Total	0.2	0.3	1.7	0.0	0.3	0.0	0.3	4.5	2.0	0.2	0.0	0.1	2.4	0.0	0.1	1.0	13.1
Livestock & Dairy Farming & Animal Products Mfg																	
Animal production, except cattle & poultry	1.3	1.1	3.7	0.0	4.3	0.0	1.0	4.2	0.3	6.8	1.4	6.9	3.7	1.9	8.5	0.8	45.8
Animal, except poultry, slaughtering	0.0	0.0	9.2	0.0	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	23.1
Cattle ranching & farming	0.3	2.9	10.9	0.0	3.8	0.0	18.5	36.7	21.0	4.7	0.3	2.4	3.4	0.1	6.3	15.6	126.7
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	0.3	0.0	0.0	0.0	0.0	0.3
Ice cream & frozen dessert mfg	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	0.0	0.0	0.5
Meat processed from carcasses	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
Poultry & egg production	0.0	0.4	0.3	0.0	0.6	0.0	45.9	3.3	0.5	0.0	0.0	3.4	0.0	0.0	19.7	1.1	75.1
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	135.9	0.0	135.9
Total	1.5	4.4	24.9	0.0	16.3	0.0	65.4	44.1	21.8	11.4	1.7	13.0	7.1	2.0	170.4	23.8	407.8
Mining																	
Drilling oil & gas wells	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0
Oil & gas extraction	0.7	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	166.0	0.0	0.0	0.0	170.6
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	0.5	0.0	0.0	0.0	0.5
Sand/gravel/clay/refractory mining	0.0	0.0	11.2	0.0	26.0	0.0	0.0	0.0	0.0	0.4	0.0	0.6	1.7	0.0	0.7	0.0	40.6
Stone mining & quarrying	6.1	0.0	1.2	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.0
Support activities for oil & gas	0.0	0.0	0.2	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	0.9
Total	6.8	0.0	16.6	0.0	26.0	0.0	0.0	10.0	0.0	0.5	0.0	0.6	169.2	0.0	0.7	0.0	230.5
Other Crop Farming																	
All other crop farming	0.4	2.1	2.6	0.0	1.0	0.0	1.8	21.5	1.3	0.3	0.0	1.4	14.0	0.0	1.9	1.8	50.1
Cotton farming	0.0	2.2	6.0	0.0	0.0	0.0	0.6	11.2	0.4	0.0	0.0	1.1	11.8	0.0	0.4	0.3	34.1
Tree nut farming	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.9
Total	0.4	4.3	8.9	0.0	1.0	0.0	2.5	33.0	2.0	0.3	0.0	2.5	25.8	0.0	2.3	2.2	85.2

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Other Food Product Manufacturing	(\$Million)																
All other food manufacturing	0.0	0.0	0.3	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	0.7
Bread/bakery product, except frozen	0.0	0.0	3.8	0.0	0.0	1.7	0.0	0.2	0.0	5.5	0.0	0.8	6.4	0.0	0.0	0.0	18.3
Coffee & tea manufacturing	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	1.8
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.8	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	2.2
Mixes/dough purchased flour	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.0	0.0	0.0	0.0	5.5
Other animal food manufacturing	0.0	0.0	1.9	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	4.1
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	1.1	0.0	0.0	0.0	0.0	1.1
Soft drink & ice manufacturing	3.7	0.0	5.8	0.0	0.0	0.0	0.9	0.0	0.0	7.2	0.0	0.0	0.8	1.2	0.0	0.0	19.6
Total	3.7	0.0	12.5	0.0	0.0	1.7	0.9	2.4	0.0	15.6	0.0	9.1	7.3	1.2	0.0	0.0	54.3
Non-chocolate Confectionery Mfg	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
Tobacco Farming & Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.1
Wildlife (hunting & trapping)	0.0	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	0.0	16.7
Total Output Impacts	388.3	74.3	719.9	45.4	361.3	22.1	93.1	254.6	106.9	152.6	60.3	114.4	297.3	38.1	205.2	68.8	3,002.8

Source: IMPLAN data for Florida counties (2005)

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Agricultural Inputs & Services								Jobs									
Agriculture & forestry activities	122	9	84	6	350	10	0	59	33	287	6	9	109	3	4	0	1,094
Farm machinery & equipment mfg	0	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	6
Fertilizer, mixing only, mfg	0	0	2	0	8	0	0	0	0	0	0	0	0	0	0	0	10
Food product machinery mfg	0	0	0	0	0	0	0	0	5	0	0	3	0	3	0	0	11
Lawn/garden equipment mfg	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	4
New farm housing units/additions	44	3	79	3	7	2	4	6	2	55	3	42	28	5	12	4	300
Phosphatic fertilizer mfg	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	22
Veterinary services	183	4	348	11	58	7	0	17	37	515	0	289	180	19	48	9	1,725
Total	349	17	514	20	450	19	4	82	81	857	9	343	317	31	65	13	3,172
Environmental Horticulture																	
Greenhouse /nursery production	53	110	84	0	1,353	0	98	92	246	78	5	29	137	2	39	9	2,335
Landscape services (70% bldgs)	779	5	1,173	6	159	7	8	54	43	1,398	10	799	628	83	259	33	5,444
Total	832	115	1,257	6	1,512	7	106	146	289	1,476	15	827	765	85	298	42	7,779
Fishing & Seafood Products																	
Fishing	213	0	113	187	0	60	0	0	0	96	0	255	0	0	0	0	925
Seafood product prep/packaging	82	0	0	207	0	0	0	0	0	0	0	0	0	166	0	0	455
Total	295	0	113	395	0	60	0	0	0	96	0	255	0	166	0	0	1,380
Forestry, Wood & Paper Product Mfg																	
Coated & laminated paper/packaging	0	0	263	0	0	0	0	0	0	0	0	0	0	0	0	0	263
Coated &uncoated paper bag mfg	0	0	715	0	0	0	0	0	0	0	0	0	0	0	0	0	715
Cut stock/re-sawing lumber/planting	0	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
Engineered wood & truss mfg	25	0	102	0	624	2	0	0	0	0	0	0	0	0	113	0	866
Envelope manufacturing	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Forest nurseries/products/timber	70	31	167	0	118	0	0	0	41	23	32	0	114	0	4	23	622
Logging	154	207	76	62	6	132	74	115	195	55	200	79	69	0	2	177	1,601
Miscellaneous wood product mfg	0	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	8
Other millwork, including flooring	255	0	5	0	3	0	0	0	0	1	0	4	91	0	0	0	359
Paper & paperboard mills	1,577	0	2,614	0	0	0	0	0	0	0	0	0	0	0	0	0	4,190
Paperboard container mfg	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Sawmills	0	109	0	0	0	0	4	0	0	0	6	94	0	0	0	11	225
Veneer & plywood mfg	0	0	0	0	154	0	0	0	0	0	0	0	0	0	0	0	154
Wood container/pallet mfg	5	0	49	0	0	0	0	4	0	2	0	0	0	0	0	0	60
Wood preservation	0	0	7	0	0	0	0	453	0	0	97	0	0	0	0	0	557
Wood windows/doors mfg	30	0	5	0	0	0	0	3	0	1	0	0	0	0	0	0	39
Total	2,115	366	4,071	62	905	135	78	575	237	81	335	185	274	0	120	210	9,749

Table 10 (continued). Employment Impacts of Agriculture and Natural Resource Industries, Northwest Region of Florida, 2002 Data

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Fruit & Vegetable Farming & Processing	Jobs																
Frozen food manufacturing	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Fruit farming	11	2	82	0	93	0	42	75	79	39	0	51	25	1	42	128	669
Vegetable & melon farming	2	2	5	0	846	0	36	406	10	6	0	6	9	49	8	47	1,434
Total	25	4	87	0	939	0	77	481	89	46	0	57	34	50	50	175	2,114
Grain & Oilseed Farming & Processing																	
Flour milling	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	9
Grain farming	2	2	24	0	5	0	5	54	34	6	0	2	3	0	2	19	158
Oilseed farming	0	2	9	0	0	0	2	6	3	0	0	0	5	0	0	6	33
Total	2	4	32	0	5	0	7	61	37	6	0	2	17	0	2	25	200
Livestock & Dairy Farming & Animal Products Mfg																	
Animal production, except cattle & poultry	38	28	114	0	105	0	29	107	7	168	39	198	100	58	228	26	1,246
Animal, except poultry, slaughtering	0	0	39	0	37	0	0	0	0	0	0	0	0	0	0	41	117
Cattle ranching & farming	3	31	122	0	39	0	207	405	227	51	3	28	37	2	73	176	1,404
Dry/condensed/evaporated dairy products	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Ice cream & frozen dessert mfg	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Meat processed from carcasses	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Poultry & egg production	0	2	2	0	3	0	208	16	2	0	0	18	0	0	61	5	318
Poultry processing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,001	0	1,001
Total	41	61	280	0	184	0	444	529	237	219	42	246	137	59	1,362	248	4,091
Mining																	
Drilling oil & gas wells	0	0	2	0	0	0	0	5	0	0	0	0	7	0	0	0	15
Oil & gas extraction	66	0	56	0	0	0	0	0	0	0	0	0	2,776	0	0	0	2,898
Other nonmetallic mineral mining	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	7
Sand/gravel/clay/refractory mining	0	0	115	0	244	0	0	0	0	6	0	6	18	0	5	0	395
Stone mining & quarrying	62	0	15	0	0	0	0	98	0	0	0	0	0	0	0	0	175
Support activities for oil & gas	0	0	4	0	0	0	0	0	0	5	0	0	16	0	0	0	25
Total	128	0	192	0	244	0	0	103	0	11	0	6	2,824	0	5	0	3,514
Other Crop Farming																	
All other crop farming	4	16	31	0	10	0	22	180	11	4	0	22	123	0	24	24	470
Cotton farming	0	18	62	0	0	0	7	109	3	0	0	12	108	0	5	4	328
Tree nut farming	0	0	3	0	0	0	0	2	2	0	0	0	0	0	0	2	10
Total	4	33	96	0	10	0	29	292	17	4	0	35	231	0	29	29	808

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Other Food Product Manufacturing									Jobs								
All other food manufacturing	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	3
Bread/bakery, except frozen	0	0	53	0	0	18	0	4	0	65	0	10	57	0	0	0	207
Coffee & tea manufacturing	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
Mayonnaise/dressing/sauce mfg	0	0	3	0	0	0	0	0	0	5	0	0	0	0	0	0	7
Mixes/dough purchased flour	0	0	0	0	0	0	0	0	0	0	0	29	0	0	0	0	29
Other animal food manufacturing	0	0	11	0	0	0	0	9	0	0	0	0	0	0	0	0	20
Other snack food manufacturing	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4
Soft drink & ice manufacturing	26	0	41	0	0	0	5	0	0	49	0	0	5	6	0	0	134
Total	26	0	109	0	0	18	5	13	0	129	0	47	62	6	0	0	416
Non-chocolate Confectionery Mfg	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	8
Tobacco Farming & Manufacturing	0	0	0	0	0	0	0	0	10	12	0	0	0	0	0	0	22
Wildlife (hunting & trapping)	0	0	0	0	0	0	0	0	233	0	0	0	0	0	0	0	233
Total Employment Impacts	3,818	600	6,752	483	4,249	239	751	2,291	1,229	2,936	401	2,004	4,661	398	1,931	743	33,486

Source: IMPLAN data for Florida counties (2005)

Table 11. Value-added Impacts of Agriculture and Natural Resource Industries, Northwest Region of Florida, 2002 Data

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Agricultural Inputs & Services									(\$Million)								
Agriculture & forestry activities	4.6	0.1	4.6	0.1	6.6	0.1	0.0	0.5	0.9	15.2	0.1	0.3	4.2	0.1	0.1	0.0	37.4
Farm machinery & equipment mfg	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	0.0	0.3
Fertilizer, mixing only, mfg	0.0	0.0	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
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.4
Lawn/garden equipment mfg	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	0.1
New farm housing units/additions	1.5	0.1	2.9	0.1	0.2	0.1	0.1	0.1	0.1	2.1	0.1	1.3	0.8	0.1	0.4	0.1	10.0
Phosphatic fertilizer mfg	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	0.0	0.0	0.0	0.9
Veterinary services	5.6	0.0	9.0	0.1	0.7	0.1	0.0	0.4	0.7	13.9	0.0	6.7	3.5	0.2	0.8	0.1	41.9
Total	11.6	0.2	16.5	0.2	9.2	0.3	0.1	1.0	1.9	31.1	0.2	8.4	8.6	0.6	1.3	0.2	91.6
Environmental Horticulture																	
Greenhouse/nursery production	4.0	7.4	3.1	0.0	87.4	0.0	3.1	5.7	13.8	3.8	0.6	0.6	8.7	0.1	1.2	0.2	139.8
Landscape services (70% bldgs)	18.6	0.1	21.5	0.1	4.7	0.2	0.3	0.8	1.0	25.1	0.2	18.2	12.7	2.0	7.7	0.4	113.6
Total	22.6	7.5	24.6	0.1	92.1	0.2	3.4	6.6	14.8	28.8	0.8	18.8	21.4	2.1	8.9	0.7	253.5
Fishing & Seafood Products																	
Fishing	4.6	0.0	4.0	4.3	0.0	0.7	0.0	0.0	0.0	1.6	0.0	3.0	0.0	0.0	0.0	0.0	18.2
Seafood product prep/packaging	3.9	0.0	0.0	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	15.1
Total	8.5	0.0	4.0	12.4	0.0	0.7	0.0	0.0	0.0	1.6	0.0	3.0	0.0	3.0	0.0	0.0	33.3
Forestry, Wood & Paper Product Mfg																	
Coated & laminated paper/packaging	0.0	0.0	17.1	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	17.1
Coated & uncoated paper bag mfg	0.0	0.0	38.8	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	38.8
Cut stock/re-sawing lumber/planting	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	0.0	0.8
Engineered wood & truss mfg	1.2	0.0	4.7	0.0	34.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	45.0
Envelope manufacturing	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	0.0	0.0	0.5
Forest nurseries/products/timber	3.8	1.3	12.8	0.0	3.9	0.0	0.0	0.0	2.0	1.1	1.5	0.0	6.0	0.0	0.2	1.0	33.7
Logging	10.4	12.8	11.9	3.1	0.3	6.4	6.4	5.3	9.8	2.8	12.4	6.2	4.4	0.0	0.2	9.0	101.3
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	0.4	0.0	0.0	0.0	0.0	0.4
Other millwork, including flooring	10.5	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.0	0.0	0.0	0.0	13.9
Paper & paperboard mills	105.9	0.0	178.2	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	284.1
Paperboard container mfg	0.0	0.0	3.2	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	3.2
Sawmills	0.0	5.2	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	4.6	0.0	0.0	0.0	0.5	10.8
Veneer & plywood mfg	0.0	0.0	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.8
Wood container/pallet mfg	0.2	0.0	1.8	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	2.1
Wood preservation	0.0	0.0	0.3	0.0	0.0	0.0	0.0	19.8	0.0	0.0	5.4	0.0	0.0	0.0	0.0	0.0	25.5
Wood windows/doors mfg	1.6	0.0	0.3	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	2.0
Total	133.7	20.1	269.8	3.1	45.1	6.5	6.5	25.2	11.8	4.0	19.6	11.3	13.5	0.0	5.4	10.5	586.0

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Fruit & Vegetable Farming & Processing	(\$Million)																
Frozen food manufacturing	0.6	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	0.0	0.0	0.6
Fruit farming	0.5	0.1	1.4	0.0	3.4	0.0	0.5	2.1	2.2	1.2	0.0	0.5	0.7	0.0	0.6	1.9	15.0
Vegetable & melon farming	0.2	0.2	0.3	0.0	47.4	0.0	1.7	28.7	0.7	0.3	0.0	0.2	0.9	4.0	0.3	1.9	86.6
Total	1.3	0.3	1.7	0.0	50.8	0.0	2.2	30.8	2.9	1.4	0.0	0.7	1.5	4.0	0.9	3.7	102.2
Grain & Oilseed Farming & Processing																	
Flour milling	0.0	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	0.5
Grain farming	0.1	0.1	0.6	0.0	0.1	0.0	0.1	2.2	0.9	0.1	0.0	0.0	0.1	0.0	0.1	0.3	4.8
Oilseed farming	0.0	0.1	0.4	0.0	0.0	0.0	0.1	0.4	0.1	0.0	0.0	0.0	0.2	0.0	0.0	0.2	1.5
Total	0.1	0.2	1.0	0.0	0.1	0.0	0.2	2.6	1.1	0.1	0.0	0.0	0.8	0.0	0.1	0.5	6.7
Livestock & Dairy Farming & Animal Products Mfg																	
Animal production, except cattle & poultry	0.2	0.2	0.3	0.0	1.2	0.0	0.1	0.9	0.0	1.8	0.2	1.0	0.7	0.2	1.6	0.0	8.5
Animal, except poultry, slaughtering	0.0	0.0	1.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.2
Cattle ranching & farming	0.1	0.5	1.9	0.0	0.5	0.0	1.6	6.7	3.0	1.1	0.0	0.5	0.7	0.0	1.2	1.6	19.1
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	0.1	0.0	0.0	0.0	0.0	0.1
Ice cream & frozen dessert mfg	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
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry & egg production	0.0	0.2	0.1	0.0	0.3	0.0	16.5	1.7	0.2	0.0	0.0	1.1	0.0	0.0	5.8	0.3	26.3
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	42.4	0.0	42.4
Total	0.2	0.9	3.4	0.0	3.1	0.0	18.2	9.3	3.3	2.9	0.3	2.6	1.3	0.2	50.9	2.9	99.6
Mining																	
Drilling oil & gas wells	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3
Oil & gas extraction	0.4	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	97.3	0.0	0.0	0.0	99.8
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	0.3	0.0	0.0	0.0	0.3
Sand/gravel/clay/refractory mining	0.0	0.0	7.6	0.0	18.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	1.1	0.0	0.5	0.0	27.8
Stone mining & quarrying	3.8	0.0	0.7	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5
Support activities for oil & gas	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.4	0.0	0.0	0.0	0.6
Total	4.2	0.0	10.7	0.0	18.0	0.0	0.0	6.0	0.0	0.4	0.0	0.4	99.3	0.0	0.5	0.0	139.4
Other Crop Farming																	
All other crop farming	0.2	1.1	1.3	0.0	0.5	0.0	0.8	11.6	0.6	0.2	0.0	0.6	7.5	0.0	0.8	0.7	25.8
Cotton farming	0.0	1.1	2.9	0.0	0.0	0.0	0.2	5.6	0.2	0.0	0.0	0.4	6.1	0.0	0.2	0.1	16.9
Tree nut farming	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total	0.2	2.2	4.4	0.0	0.5	0.0	1.0	17.3	1.0	0.2	0.0	1.0	13.6	0.0	0.9	0.9	43.2

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Other Food Product Manufacturing	(\$Million)																
All other food manufacturing	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	0.1
Bread/bakery, except frozen	0.0	0.0	1.6	0.0	0.0	0.9	0.0	0.1	0.0	2.6	0.0	0.3	3.5	0.0	0.0	0.0	9.0
Coffee & tea manufacturing	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	0.2
Mayonnaise/dressing/sauce mfg	0.0	0.0	0.1	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	0.3
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	2.3	0.0	0.0	0.0	0.0	2.3
Other animal food mfg	0.0	0.0	0.5	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	0.9
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	0.3	0.0	0.0	0.0	0.0	0.3
Soft drink & ice manufacturing	1.5	0.0	2.6	0.0	0.0	0.0	0.2	0.0	0.0	2.6	0.0	0.0	0.2	0.3	0.0	0.0	7.4
Total	1.5	0.0	4.9	0.0	0.0	0.9	0.2	0.5	0.0	6.2	0.0	3.2	3.7	0.3	0.0	0.0	21.3
Non-chocolate Confectionery Mfg	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	0.0	0.0	0.0	0.3
Tobacco Farming & Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Wildlife (hunting & trapping)	0.0	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	0.0	7.9
Total Employment Impacts	184.0	31.5	340.8	15.9	219.1	8.6	31.8	99.5	44.9	77.0	20.8	49.5	163.7	10.2	68.8	19.4	1,385.6

Source: IMPLAN data for Florida counties (2005)

Table 12. Labor Income Impacts of Agriculture and Natural Resource Industries, Northwest Region of Florida, 2002 Data

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Agricultural Inputs & Services									(\$Million)								
Agriculture & forestry activities	4.4	0.2	4.2	0.1	8.2	0.2	0.0	0.7	1.1	15.0	0.1	0.2	4.8	0.1	0.1	0.0	39.2
Farm machinery & equipment mfg	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	0.2
Fertilizer, mixing only, mfg	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	0.3
Food product machinery mfg	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.3
Lawn/garden equipment mfg	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	0.1
New farm housing units/additions	1.3	0.1	2.5	0.1	0.2	0.1	0.0	0.1	0.1	1.8	0.1	1.1	0.7	0.1	0.4	0.1	8.7
Phosphatic fertilizer mfg	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
Veterinary services	4.9	0.0	8.1	0.1	0.7	0.1	0.0	0.4	0.6	12.1	0.0	5.9	3.2	0.2	0.7	0.1	37.1
Total	10.6	0.3	14.8	0.2	10.1	0.3	0.0	1.2	1.9	28.9	0.2	7.4	8.6	0.6	1.2	0.2	86.5
Environmental Horticulture																	
Greenhouse/nursery production	2.2	3.8	1.5	0.0	49.1	0.0	1.5	3.0	7.1	2.1	0.3	0.3	4.4	0.1	0.6	0.1	76.2
Landscape services (70% bldgs)	15.4	0.1	18.5	0.1	3.9	0.2	0.2	0.7	0.8	21.6	0.2	15.5	10.4	1.6	6.2	0.4	95.9
Total	17.7	4.0	20.0	0.1	53.0	0.2	1.7	3.6	8.0	23.7	0.5	15.8	14.8	1.7	6.8	0.5	172.1
Fishing & Seafood Products																	
Fishing	3.6	0.0	3.2	3.4	0.0	0.6	0.0	0.0	0.0	1.3	0.0	2.4	0.0	0.0	0.0	0.0	14.5
Seafood product prep/packaging	3.3	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	11.4
Total	6.9	0.0	3.2	9.2	0.0	0.6	0.0	0.0	0.0	1.3	0.0	2.4	0.0	2.3	0.0	0.0	25.9
Forestry, Wood & Paper Product Mfg																	
Coated & laminated paper/packaging	0.0	0.0	11.6	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	11.6
Coated & uncoated paper bag mfg	0.0	0.0	30.6	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	30.6
Cut stock/re-sawing lumber/planting	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	0.0	0.0	0.0	0.5
Engineered wood & truss mfg	0.8	0.0	3.0	0.0	21.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	28.3
Envelope manufacturing	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
Forest nurseries/products/timber	2.4	0.7	7.0	0.0	3.0	0.0	0.0	0.0	1.2	0.7	0.8	0.0	4.0	0.0	0.1	0.5	20.5
Logging	5.9	7.1	6.4	1.7	0.2	3.7	3.4	2.9	5.4	1.7	6.9	3.7	2.6	0.0	0.1	5.0	56.6
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	0.2	0.0	0.0	0.0	0.0	0.2
Other millwork, including flooring	8.4	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	2.6	0.0	0.0	0.0	11.3
Paper & paperboard mills	66.0	0.0	110.7	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	176.7
Paperboard container mfg	0.0	0.0	2.4	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	2.4
Sawmills	0.0	3.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2	3.1	0.0	0.0	0.0	0.3	6.9
Veneer & plywood mfg	0.0	0.0	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	5.0
Wood container/pallet mfg	0.1	0.0	1.4	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	1.6
Wood preservation	0.0	0.0	0.2	0.0	0.0	0.0	0.0	13.2	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.0	17.1
Wood windows/doors mfg	1.1	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	1.3
Total	84.7	11.6	173.9	1.7	29.6	3.7	3.6	16.3	6.6	2.4	11.6	7.0	9.2	0.0	3.3	5.8	371.0

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Fruit & Vegetable Farming & Processing																	
	(\$Million)																
Frozen food manufacturing	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	0.0	0.0	0.4
Fruit farming	0.3	0.0	0.8	0.0	2.2	0.0	0.2	1.1	1.2	0.7	0.0	0.3	0.3	0.0	0.3	1.0	8.5
Vegetable & melon farming	0.1	0.1	0.1	0.0	25.2	0.0	0.7	13.6	0.3	0.1	0.0	0.1	0.3	1.7	0.1	0.8	43.3
Total	0.7	0.1	0.9	0.0	27.4	0.0	1.0	14.7	1.5	0.9	0.0	0.4	0.7	1.7	0.4	1.8	52.2
Grain & Oilseed Farming & Processing																	
Flour milling	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.3
Grain farming	0.1	0.0	0.3	0.0	0.1	0.0	0.0	1.0	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	2.2
Oilseed farming	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.8
Total	0.1	0.1	0.5	0.0	0.1	0.0	0.1	1.1	0.5	0.1	0.0	0.0	0.5	0.0	0.0	0.2	3.2
Livestock & Dairy Farming & Animal Products Mfg																	
Animal production, except cattle & poultry	0.1	0.1	0.2	0.0	0.7	0.0	0.0	0.4	0.0	1.1	0.1	0.6	0.4	0.0	0.8	0.0	4.6
Animal, except poultry, slaughtering	0.0	0.0	0.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.3
Cattle ranching & farming	0.0	0.2	1.0	0.0	0.3	0.0	0.5	2.8	1.4	0.6	0.0	0.3	0.3	0.0	0.5	0.7	8.7
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	0.0	0.0	0.0
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	0.0	0.0	0.0
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry & egg production	0.0	0.1	0.1	0.0	0.1	0.0	5.3	0.6	0.1	0.0	0.0	0.5	0.0	0.0	1.5	0.1	8.4
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	30.7	0.0	30.7
Total	0.1	0.4	2.1	0.0	2.0	0.0	5.9	3.9	1.5	1.8	0.1	1.4	0.7	0.0	33.5	1.6	54.9
Mining																	
Drilling oil & gas wells	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.2
Oil & gas extraction	0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48.1	0.0	0.0	0.0	49.2
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	0.1	0.0	0.0	0.0	0.1
Sand/gravel/clay/refractory mining	0.0	0.0	4.7	0.0	10.7	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.7	0.0	0.3	0.0	16.8
Stone mining & quarrying	2.3	0.0	0.5	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	6.3
Support activities for oil & gas	0.0	0.0	0.1	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
Total	2.5	0.0	6.3	0.0	10.7	0.0	0.0	3.5	0.0	0.3	0.0	0.3	49.3	0.0	0.3	0.0	73.1
Other Crop Farming																	
All other crop farming	0.1	0.4	0.6	0.0	0.3	0.0	0.2	4.3	0.2	0.1	0.0	0.2	3.1	0.0	0.2	0.2	9.9
Cotton farming	0.0	0.5	1.7	0.0	0.0	0.0	0.1	2.4	0.1	0.0	0.0	0.2	3.2	0.0	0.1	0.1	8.4
Tree nut farming	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
Total	0.1	0.9	2.4	0.0	0.3	0.0	0.3	6.8	0.4	0.1	0.0	0.4	6.2	0.0	0.3	0.3	18.6

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Other Food Product Manufacturing	(\$Million)																
All other 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	0.0	0.0	0.0	0.0	0.1
Bread/bakery, except frozen	0.0	0.0	0.9	0.0	0.0	0.5	0.0	0.1	0.0	1.5	0.0	0.2	2.0	0.0	0.0	0.0	5.2
Coffee & tea 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	0.1
Mayonnaise/dressing/sauce 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	0.1
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	1.2	0.0	0.0	0.0	0.0	1.2
Other animal food manufacturing	0.0	0.0	0.3	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	0.6
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	0.1	0.0	0.0	0.0	0.0	0.1
Soft drink & ice manufacturing	0.9	0.0	1.7	0.0	0.0	0.0	0.1	0.0	0.0	1.6	0.0	0.0	0.1	0.2	0.0	0.0	4.7
Total	0.9	0.0	3.0	0.0	0.0	0.5	0.1	0.3	0.0	3.4	0.0	1.6	2.1	0.2	0.0	0.0	12.2
Non-chocolate Confectionery 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	0.0	0.0	0.1
Tobacco Farming & Manufacturing	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Wildlife (hunting & trapping)	0.0	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	0.0	3.7
Total Employment Impacts	124.3	17.4	227.2	11.3	133.1	5.3	12.6	51.6	24.2	63.0	12.3	36.8	92.1	6.5	45.8	10.5	873.9

Source: IMPLAN data for Florida counties (2005)

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Agricultural Inputs & Services									(\$Million)								
Agriculture & forestry activities	0.2	0.0	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.1	0.0	0.0	0.0	1.4
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	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	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	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	0.0	0.0
New farm housing units/additions	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	0.2
Phosphatic fertilizer mfg	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	0.1
Veterinary services	0.4	0.0	0.7	0.0	0.1	0.0	0.0	0.0	0.1	1.0	0.0	0.5	0.3	0.0	0.1	0.0	3.0
Total	0.7	0.0	0.9	0.0	0.3	0.0	0.0	0.0	0.1	1.7	0.0	0.5	0.4	0.0	0.1	0.0	4.7
Environmental Horticulture																	
Greenhouse/nursery production	0.2	0.2	0.1	0.0	2.8	0.0	0.1	0.2	0.4	0.1	0.0	0.0	0.2	0.0	0.0	0.0	4.4
Landscape services (70% bldgs)	0.8	0.0	0.7	0.0	0.2	0.0	0.0	0.0	0.0	0.8	0.0	0.6	0.5	0.1	0.4	0.0	4.2
Total	0.9	0.3	0.8	0.0	3.0	0.0	0.1	0.2	0.5	0.9	0.0	0.7	0.8	0.1	0.4	0.0	8.6
Fishing & Seafood Products																	
Fishing	0.3	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.0
Seafood product prep/packaging	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.3
Total	0.5	0.0	0.2	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.2	0.0	0.0	2.3
Forestry, Wood & Paper Product Mfg																	
Coated & laminated paper/packaging	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	1.0
Coated & uncoated paper bag mfg	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	0.0	0.0	0.0	2.0
Cut stock/re-sawing lumber/planting	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Engineered wood & truss mfg	0.0	0.0	0.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.6
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	0.0	0.0	0.0
Forest nurseries/products/timber	0.3	0.1	1.0	0.0	0.2	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.4	0.0	0.0	0.1	2.5
Logging	0.4	0.5	0.4	0.2	0.0	0.3	0.2	0.2	0.4	0.1	0.5	0.2	0.2	0.0	0.0	0.3	3.9
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	0.0	0.0
Other millwork, including flooring	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6
Paper & paperboard mills	6.3	0.0	10.3	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	16.6
Paperboard container mfg	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	0.0	0.0	0.0	0.2
Sawmills	0.0	0.2	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	0.4
Veneer & plywood mfg	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	0.3
Wood container/ mfg	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
Wood preservation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.8
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	0.0	0.0
Total	7.5	0.9	15.2	0.2	1.8	0.3	0.2	1.6	0.5	0.2	0.9	0.4	0.7	0.0	0.2	0.4	31.1

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Fruit & Vegetable Farming & Processing																	
	(\$Million)																
Frozen 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	0.0	0.0	0.0	0.0	0.0
Fruit farming	0.0	0.0	0.1	0.0	0.2	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.9
Vegetable & melon farming	0.0	0.0	0.0	0.0	1.8	0.0	0.1	1.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	3.3
Total	0.1	0.0	0.1	0.0	2.0	0.0	0.1	1.3	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2	4.3
Grain & Oilseed Farming & Processing																	
Flour milling	0.0	0.0	0.0	0.0	0.0	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
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	0.0	0.1
Total	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4
Livestock & Dairy Farming & Animal Products Mfg																	
Animal production, except cattle & poultry	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.1	0.1	0.1	0.0	1.1
Animal, except poultry, slaughtering	0.0	0.0	0.1	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	0.3
Cattle ranching & farming	0.0	0.1	0.2	0.0	0.1	0.0	0.2	0.8	0.5	0.2	0.0	0.0	0.1	0.0	0.1	0.2	2.5
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	0.0	0.0	0.0
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	0.0	0.0	0.0
Meat processed from carcasses	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Poultry & egg production	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.8
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	2.6	0.0	2.6
Total	0.1	0.1	0.4	0.0	0.4	0.0	0.7	1.0	0.5	0.4	0.1	0.2	0.2	0.1	3.0	0.3	7.3
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	0.0	0.0
Oil & gas extraction	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.8	0.0	0.0	0.0	11.2
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	0.0	0.0
Sand/gravel/clay/refractory mining	0.0	0.0	0.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	1.5
Stone mining & quarrying	0.2	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	0.6
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	0.0	0.1
Total	0.3	0.0	0.8	0.0	0.9	0.0	0.0	0.4	0.0	0.0	0.0	0.0	11.0	0.0	0.0	0.0	13.4
Other Crop Farming																	
All other crop farming	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.7
Cotton farming	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.9
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	0.0	0.0
Total	0.0	0.1	0.3	0.0	0.0	0.0	0.1	1.1	0.1	0.0	0.0	0.1	0.8	0.0	0.1	0.0	2.6

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

Industry Group	Bay	Calhoun	Escambia	Franklin	Gadsden	Gulf	Holmes	Jackson	Jefferson	Leon	Liberty	Okaloosa	Santa Rosa	Wakulla	Walton	Washington	Grand Total
Other Food Product Manufacturing	(\$Million)																
All other 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	0.0	0.0	0.0	0.0	0.0
Bread/bakery, except frozen	0.0	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	0.2
Coffee & tea 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
Mayonnaise/dressing/sauce 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
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	0.1	0.0	0.0	0.0	0.0	0.1
Other animal food 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	0.1
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	0.0	0.0	0.0	0.0	0.0
Soft drink & ice manufacturing	0.1	0.0	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	0.4
Total	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.1	0.1	0.0	0.0	0.0	0.8
Non-chocolate Confectionery 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
Tobacco Farming & 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
Wildlife (hunting & trapping)	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	0.9
Total Employment Impacts	10.2	1.4	18.9	1.3	8.3	0.4	1.2	5.9	2.8	3.7	1.0	2.1	14.0	0.6	3.8	1.0	76.5

Source: IMPLAN data for Florida counties (2005)