

**Appendix Section 2: Detailed Presentation of Direct Economic Impacts from
Agriculture and Forestry**

Table A.3. State of Tennessee: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<u>Agricultural Chemicals</u>				
Nitrogenous and Phosphatic Fertilizers	213	275	48	86
Fertilizers, Mixing Only	25	109	3	4
Agricultural Chemicals, N.E.C	202	432	30	88
Total --	440	816	81	178
<u>Agricultural Machinery</u>				
Farm Machinery and Equipment	103	592	18	33
Lawn and Garden Equipment	884	3,393	122	260
Total --	987	3,985	140	293
<i>Agricultural Inputs Total --</i>	1,427	4,801	220	471
<i>Primary Agriculture</i>				
Dairy Farm Products	209	3,374	14	45
Poultry and Eggs	293	2,355	10	31
Ranch Fed Cattle	379	14,161	22	63
Range Fed Cattle	26	931	1	4
Cattle Feedlots	21	214	1	3
Sheep, Lambs and Goats	1	321	0 ^b	0 ^b
Hogs, Pigs and Swine	72	1,814	3	7
Other Meat Animal Products	0 ^b	2	0 ^b	0 ^b
Miscellaneous Livestock	33	4,823	3	7
Cotton	208	2,028	7	39
Food Grains	44	1,762	1	11
Feed Grains	147	3,676	2	35
Hay and Pasture	280	32,429	8	84
Grass Seeds	1	186	0 ^b	0 ^b
Tobacco	189	12,013	18	41
Fruits	6	253	1	2
Tree Nuts	0	0	0	0
Vegetables	49	1,329	6	19
Sugar Crops	0	0	0	0
Miscellaneous Crops	3	256	0 ^b	1
Oil Bearing Crops	245	6,963	8	63
Greenhouse and Nursery Products	213	5,353	24	73
Agricultural, Forestry, Fishery Services	118	4,118	42	69
Landscape and Horticultural Services	361	15,973	146	271
<i>Primary Agriculture Total --</i>	2,899	114,332	318	868
<i>Secondary Agriculture</i>				
<u>Food & Kindred Products</u>				
Meat Packing Plants	516	1,489	55	67

Table A.3. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Sausages and Other Prepared Meats	525	2,487	68	90
Poultry Processing	411	3,271	83	99
Total --	1,453	7,247	207	256
<u>Dairy Products</u>				
Creamery Butter	26	40	2	3
Cheese, Natural and Processed	60	126	4	7
Condensed and Evaporated Milk	120	316	13	17
Ice Cream and Frozen Desserts	45	148	6	13
Fluid Milk	705	1,875	81	116
Total --	956	2,505	105	155
<u>Canned, Frozen, & Preserved Fruit</u>				
Canned Specialties	13	34	1	4
Canned Fruits and Vegetables	251	1,195	48	76
Dehydrated Food Products	1	5	0 ^b	1
Pickles, Sauces, and Salad Dressings	105	299	10	45
Frozen Fruits, Juices and Vegetables	144	739	23	30
Frozen Specialties	295	1,428	66	118
Total --	810	3,700	149	273
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	237	609	37	51
Cereal Preparations	374	751	63	91
Rice Milling	0	0	0	0
Blended and Prepared Flour	89	238	11	13
Wet Corn Milling	73	85	6	18
Dog, Cat, and Other Pet Food	112	299	13	20
Prepared Feeds, N.E.C	340	732	37	52
Total --	1,224	2,714	166	246
<u>Bakery Products</u>				
Bread, Cake, and Related Products	668	4,827	171	254
Cookies and Crackers	773	3,648	149	330
Total --	1,441	8,475	320	583
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionary Products	724	3,031	113	250
Chocolate and Cocoa Products	23	89	3	7
Chewing Gum	62	245	8	15
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	810	3,365	125	272
<u>Fats & Oils</u>				
Cottonseed Oil Mills	83	202	9	10
Soybean Oil Mills	154	106	4	8
Vegetable Oil Mills, N.E.C	0	0	0	0

Table A.3. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Animal and Marine Fats and Oils	9	32	1	3
Shortening and Cooking Oils	394	662	44	97
Total --	641	1,002	57	118
<u>Beverages</u>				
Malt Beverages	258	708	32	99
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	13	73	1	3
Distilled Liquor, Except Brandy	123	109	6	91
Bottled and Canned Soft Drinks & Water	1,136	3,397	132	222
Flavoring Extracts and Syrups, N.E.C.	10	48	3	6
Total --	1,540	4,335	174	421
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	121	203	6	24
Potato Chips & Similar Snacks	552	1,800	82	197
Manufactured Ice	4	79	2	2
Macaroni and Spaghetti	13	81	3	3
Food Preparations, N.E.C.	77	411	11	20
Total --	767	2,574	103	246
Total --	9,641	35,917	1,407	2,570
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	645	973	79	266
Tobacco Stemming and Redrying	111	217	5	9
Total --	756	1,190	84	275
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	375	3,231	90	111
<u>Narrow Fabric Mills</u>	17	247	7	8
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	63	895	19	24
Hosiery, N.E.C.	242	2,672	65	79
Knit Outerwear Mills	25	243	3	4
Knit Underwear Mills	21	413	10	12
Knit Fabric Mills	490	2,692	82	98
Knitting Mills, N.E.C.	7	83	1	2
Total --	846	6,998	180	219
<u>Yarn/Thread Mills</u>				
Yarn Mills and Finishing Of Textiles, N.E.C.	598	4,210	134	182

Table A.3. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Thread Mills	13	83	3	5
Total --	611	4,293	137	188
<u>Carpets and Rugs</u>	220	1,259	33	49
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	125	653	23	26
Tire Cord and Fabric	3	2	0 ^b	2
Nonwoven Fabrics	209	677	40	76
Cordage and Twine	45	356	12	14
Textile Goods, N.E.C	138	1,087	31	25
Total --	520	2,775	107	142
Total --	2,591	18,803	552	717
<u>Apparel</u>				
<u>Apparel Made From Purchased Materials</u>	2,708	33,143	687	865
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	13	267	5	5
Housefurnishings, N.E.C	72	668	15	28
Textile Bags	37	403	13	19
Canvas Products	36	468	14	21
Pleating and Stitching	13	234	5	11
Automotive and Apparel Trimmings	235	2,034	59	73
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	300	1,951	66	136
Total --	707	6,025	178	294
Total --	3,415	39,168	866	1,159
<u>Leather</u>				
<u>Leather Tanning and Finishing</u>	53	257	5	8
<u>Footwear Cut Stock</u>	17	138	3	6
<u>Footwear, Except Rubber</u>				
House Slippers	0 ^b	1	0 ^b	0 ^b
Shoes, Except Rubber	174	2,601	50	75
Total --	174	2,602	50	75
<u>Leather Gloves and Mittens</u>	6	139	2	3
<u>Luggage</u>	59	535	16	35
<u>Handbags & Other Personal Leather Goods</u>				
Women's Handbags and Purses	1	12	0 ^b	0 ^b

Table A.3. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Personal Leather Goods	0 ^b	1	0 ^b	0 ^b
Total --	1	13	0 ^b	0 ^b
<u>Leather Goods, N.E.C</u>	22	409	9	16
Total --	332	4,093	86	144
Secondary Agriculture Total --	16,734	99,171	2,995	4,865
Agriculture Total --	21,060	218,305	3,534	6,204
Forest & Forestry Products, Logging				
<u>Forest Products</u>	73	2,271	2	24
<u>Forestry Products</u>	177	1,121	5	54
<u>Logging Camps and Logging Contractors</u>	176	1,205	22	59
Forest & Forestry Products, Logging Total--	425	4,597	29	137
Primary Forestry				
<u>Sawmills & Planing Mills</u>				
Sawmills and Planing Mills, General	630	4,260	93	157
Hardwood Dimension and Flooring Mills	425	6,112	144	216
Special Product Sawmills, N.E.C	5	93	2	3
Total --	1,060	10,465	239	375
<u>Pulp Mills</u>	265	574	38	83
<u>Paper Mills, Except Building Paper</u>	1,342	5,505	346	516
<u>Paperboard Mills</u>	359	849	64	115
Primary Forestry Total --	3,026	17,393	687	1,089
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	193	2,215	54	76
Wood Kitchen Cabinets	161	2,376	51	78
Veneer and Plywood	15	123	3	4
Structural Wood Members, N.E.C	95	865	22	34
Total --	464	5,579	130	192
<u>Wood Containers</u>				
Wood Containers	28	397	8	12
Wood Pallets and Skids	94	1,566	27	39
Total --	122	1,963	35	51
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	545	4,765	143	229

Table A.3. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Prefabricated Wood Buildings	92	832	23	33
Total --	637	5,597	166	262
<u>Miscellaneous Wood Products</u>				
Wood Preserving	65	243	6	12
Reconstituted Wood Products	48	222	7	17
Wood Products, N.E.C	140	1,929	40	63
Gum and Wood Chemicals	32	78	3	15
Total --	284	2,472	56	107
<u>Household Furniture</u>				
Wood Household Furniture	384	4,528	109	152
Upholstered Household Furniture	909	9,600	252	330
Mattresses and Bedspings	128	1,142	33	45
Wood TV and Radio Cabinets	97	906	27	34
Household Furniture, N.E.C	50	722	19	23
Total --	1,567	16,899	441	584
<u>Wood Office Furniture</u>	12	141	5	6
<u>Public Building Furniture</u>	678	3,764	131	206
<u>Wood Partitions and Fixtures</u>	61	817	24	30
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	29	286	8	12
Furniture and Fixtures, N.E.C	289	1,493	41	70
Total --	318	1,779	49	83
<u>Paperboard Containers and Boxes</u>	1,175	6,584	278	343
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	280	1,288	65	100
Paper Coated & Laminated N.E.C.	50	285	10	16
Bags, Paper	110	644	24	36
Die-cut Paper and Board	13	95	3	5
Sanitary Paper Products	475	887	48	141
Envelopes	82	619	23	27
Stationery Products	67	314	12	23
Converted Paper Products, N.E.C	544	3,367	109	172
Total --	1,620	7,499	294	519
Secondary Forestry Total --	6,938	53,094	1,607	2,384
Forestry Total --	10,390	75,084	2,323	3,610
Agriculture & Forestry Total --	31,450	293,388	5,857	9,814

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.

Table A.4. Memphis Region: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous and Phosphatic Fertilizers	213	275	48	86
Fertilizers, Mixing Only	2	10	0 ^b	0 ^b
Agricultural Chemicals, N.E.C	119	239	18	54
Total --	334	524	66	140
<i>Agricultural Machinery</i>				
Farm Machinery and Equipment	15	92	2	4
Lawn and Garden Equipment	572	2,230	76	163
Total --	586	2,322	78	167
<i>Agricultural Inputs Total --</i>	920	2,846	145	307
<i>Primary Agriculture</i>				
Dairy Farm Products	10	99	0 ^b	1
Poultry and Eggs	6	59	0 ^b	0 ^b
Ranch Fed Cattle	55	1,243	2	5
Range Fed Cattle	4	89	0 ^b	0 ^b
Cattle Feedlots	3	35	0 ^b	0 ^b
Sheep, Lambs and Goats	0 ^b	28	0 ^b	0 ^b
Hogs, Pigs and Swine	47	780	1	4
Other Meat Animal Products	0	0	0	0
Miscellaneous Livestock	5	489	0 ^b	1
Cotton	205	1,965	7	38
Food Grains	30	999	0 ^b	5
Feed Grains	101	1,889	1	18
Hay and Pasture	34	2,583	1	6
Grass Seeds	0	0	0	0
Tobacco	3	65	0 ^b	0 ^b
Fruits	1	31	0 ^b	0 ^b
Tree Nuts	0	0	0	0
Vegetables	7	154	0 ^b	1
Sugar Crops	0	0	0	0
Miscellaneous Crops	0 ^b	34	0 ^b	0 ^b
Oil Bearing Crops	201	4,901	5	43
Greenhouse and Nursery Products	23	429	2	7
Agricultural, Forestry, Fishery Services	50	1,649	18	30
Landscape and Horticultural Services	109	4,510	46	82
<i>Primary Agricultural Total --</i>	893	22,031	86	242
<i>Secondary Agriculture</i>				
<i>Food & Kindred Products</i>				

Table A.4. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Meat Packing Plants	190	528	25	31
Sausages and Other Prepared Meats	72	331	11	14
Poultry Processing	2	14	1	1
Total --	265	874	37	46
<u>Dairy Products</u>				
Creamery Butter	0	0	0	0
Cheese, Natural and Processed	49	104	3	6
Condensed and Evaporated Milk	35	92	4	5
Ice Cream and Frozen Desserts	31	104	4	9
Fluid Milk	116	305	14	20
Total --	232	605	25	40
<u>Canned, Frozen, & Preserved Fruit</u>				
Canned Specialties	12	30	1	3
Canned Fruits and Vegetables	32	152	6	10
Dehydrated Food Products	1	5	0 ^b	1
Pickles, Sauces, and Salad Dressings	5	15	0 ^b	2
Frozen Fruits, Juices and Vegetables	144	739	23	30
Frozen Specialties	290	1,398	64	116
Total --	483	2,340	96	162
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	3	7	1	1
Cereal Preparations	327	648	57	83
Rice Milling	0	0	0	0
Blended and Prepared Flour	40	108	5	6
Wet Corn Milling	0	0	0	0
Dog, Cat, and Other Pet Food	38	101	5	7
Prepared Feeds, N.E.C	160	341	19	26
Total --	568	1,205	86	123
<u>Bakery Products</u>				
Bread, Cake, and Related Products	145	989	40	60
Cookies and Crackers	0 ^b	1	0 ^b	0 ^b
Total --	146	990	40	60
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery Products	75	324	11	25
Chocolate and Cocoa Products	0	0	0	0
Chewing Gum	62	245	8	15
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	137	569	20	39

Table A.4. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Fats & Oils</u>				
Cottonseed Oil Mills	83	202	9	10
Soybean Oil Mills	101	70	2	5
Vegetable Oil Mills, N.E.C	0	0	0	0
Animal and Marine Fats and Oils	8	26	1	2
Shortening and Cooking Oils	392	659	44	96
Total --	584	957	55	114
<u>Beverages</u>				
Malt Beverages	244	658	31	95
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	0	0	0	0
Distilled Liquor, Except Brandy	0	0	0	0
Bottled and Canned Soft Drinks & Water	281	832	34	57
Flavoring Extracts and Syrups, N.E.C.	0	0	0	0
Total --	525	1,490	65	152
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	0	0	0	0
Potato Chips & Similar Snacks	321	1,018	49	119
Manufactured Ice	2	38	1	1
Macaroni and Spaghetti	13	81	3	3
Food Preparations, N.E.C	17	94	2	4
Total --	354	1,231	55	127
Total --	3,293	10,260	478	861
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	242	321	33	109
Tobacco Stemming and Redrying	41	81	2	3
Total --	284	402	35	112
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	17	152	4	5
<u>Narrow Fabric Mills</u>	0	0	0	0
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	0	0	0	0
Hosiery, N.E.C	0	0	0	0
Knit Outerwear Mills	2	21	0 ^b	0 ^b

Table A.4. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Knit Underwear Mills	0 ^b	3	0 ^b	0 ^b
Knit Fabric Mills	292	1,578	52	63
Knitting Mills, N.E.C.	0 ^b	4	0 ^b	0 ^b
Total --	295	1,606	52	63
<u>Yarn/Thread Mills</u>				
Yarn Mills and Finishing Of Textiles, N.E.C.	41	286	9	13
Thread Mills	0	0	0	0
Total --	41	286	9	13
<u>Carpets and Rugs</u>	1	4	0 ^b	0 ^b
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	1	6	0 ^b	0 ^b
Tire Cord and Fabric	0	0	0	0
Nonwoven Fabrics	0	0	0	0
Cordage and Twine	7	49	2	2
Textile Goods, N.E.C.	42	310	11	9
Total --	50	365	13	12
Total --	403	2,412	79	92
<i>Apparel</i>				
<u>Apparel Made From Purchased Materials</u>	586	7,377	140	177
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	8	185	3	3
Housefurnishings, N.E.C.	9	93	2	3
Textile Bags	11	142	3	5
Canvas Products	1	7	0 ^b	0 ^b
Pleating and Stitching	0 ^b	1	0 ^b	0 ^b
Automotive and Apparel Trimmings	56	513	12	15
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	26	219	5	9
Total --	111	1,161	25	36
Total --	697	8,538	165	212
<i>Leather</i>				
<u>Leather Tanning and Finishing</u>	1	3	0 ^b	0 ^b
<u>Footwear Cut Stock</u>	1	7	0 ^b	0 ^b
<u>Footwear, Except Rubber</u>				
House Slippers	0	0	0	0
Shoes, Except Rubber	29	516	7	10

Table A.4. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Total --	29	516	7	10
<u>Leather Gloves and Mittens</u>	0	0	0	0
<u>Luggage</u>	2	21	0 ^b	1
<u>Handbags & Other Personal Leather Goods</u>				
Women's Handbags and Purses	0	0	0	0
Personal Leather Goods	0	0	0	0
Total --	0	0	0	0
<u>Leather Goods, N.E.C</u>	1	23	0 ^b	1
Total --	34	570	8	13
Secondary Agriculture Total --				
	4,711	22,182	764	1,291
Agriculture Total --				
	6,524	47,059	995	1,840
Forest & Forestry Products, Logging				
<u>Forest Products</u>	15	298	0 ^b	3
<u>Forestry Products</u>	36	193	1	13
<u>Logging Camps and Logging Contractors</u>	47	317	6	16
Forest & Forestry Products, Logging Total --	98	807	7	32
Primary Forestry				
<u>Sawmills and Planing Mills</u>				
Sawmills and Planing Mills, General	198	1,365	27	46
Hardwood Dimension and Flooring Mills	112	1,536	39	59
Special Product Sawmills, N.E.C	2	34	1	1
Total --	312	2,935	67	106
<u>Pulp Mills</u>	247	532	36	78
<u>Paper Mills, Except Building Paper</u>	753	3,128	191	286
<u>Paperboard Mills</u>	251	570	48	85
Primary Forestry Total --	1,564	7,165	343	555
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	123	1,401	35	49
Wood Kitchen Cabinets	28	408	9	13
Veneer and Plywood	14	122	3	4
Structural Wood Members, N.E.C	3	29	1	1
Total --	168	1,960	48	68

Table A.4. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<u>Wood Containers</u>				
Wood Containers	19	287	5	8
Wood Pallets and Skids	44	718	13	18
Total --	63	1,005	18	26
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	127	1,058	35	56
Prefabricated Wood Buildings	1	6	0 ^b	0 ^b
Total --	128	1,064	35	56
<u>Miscellaneous Wood Products</u>				
Wood Preserving	2	8	0 ^b	0 ^b
Reconstituted Wood Products	18	75	3	7
Wood Products, N.E.C	34	429	11	16
Gum and Wood Chemicals	5	14	1	2
Total --	59	526	15	26
<u>Household Furniture</u>				
Wood Household Furniture	25	301	7	10
Upholstered Household Furniture	60	653	16	21
Mattresses and Bedspings	47	429	12	16
Wood TV and Radio Cabinets	1	7	0 ^b	0 ^b
Household Furniture, N.E.C	0	0	0	0
Total --	133	1,390	35	47
<u>Wood Office Furniture</u>	4	49	2	2
<u>Public Building Furniture</u>	129	766	21	34
<u>Wood Partitions and Fixtures</u>	26	329	11	13
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	28	271	8	12
Furniture and Fixtures, N.E.C	24	135	3	5
Total --	52	406	10	16
<u>Paperboard Containers and Boxes</u>	287	1,565	72	89
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	191	867	45	69
Paper Coated & Laminated N.E.C.	0	0	0	0
Bags, Paper	53	298	12	18
Die-cut Paper and Board	1	4	0 ^b	0 ^b
Sanitary Paper Products	469	875	47	140
Envelopes	31	226	9	11

Table A.4. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Stationery Products	0	0	0	0
Converted Paper Products, N.E.C	192	1,128	42	67
Total --	936	3,398	156	305
<i>Secondary Forestry Total --</i>	1,985	12,457	422	682
<i>Forestry Total --</i>	3,647	20,430	771	1,270
<i>Agriculture & Forestry Total --</i>	10,171	67,488	1,766	3,110

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.

Table A.5. Nashville Region: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous and Phosphatic Fertilizers	0	0	0	0
Fertilizers, Mixing Only	21	91	3	3
Agricultural Chemicals, N.E.C	66	152	9	27
Total --	87	243	12	30
<i>Agricultural Machinery</i>				
Farm Machinery and Equipment	12	72	2	3
Lawn and Garden Equipment	260	950	39	83
Total --	271	1,021	41	86
<i>Agricultural Inputs Total --</i>	358	1,265	53	117
<i>Primary Agriculture</i>				
Dairy Farm Products	101	1,452	7	21
Poultry and Eggs	166	1,181	5	15
Ranch Fed Cattle	207	7,295	12	34
Range Fed Cattle	14	509	1	2
Cattle Feedlots	12	105	1	2
Sheep, Lambs and Goats	1	152	0 ^b	0 ^b
Hogs, Pigs and Swine	24	689	1	3
Other Meat Animal Products	0	0	0	0
Miscellaneous Livestock	20	2,615	2	4
Cotton	3	63	0 ^b	2
Food Grains	13	654	0 ^b	5
Feed Grains	41	1,465	1	14
Hay and Pasture	150	16,178	4	44
Grass Seeds	0	0	0	0
Tobacco	110	5,296	9	21
Fruits	2	92	0 ^b	1
Tree Nuts	0	0	0	0
Vegetables	13	545	1	3
Sugar Crops	0	0	0	0
Miscellaneous Crops	2	214	0 ^b	1
Oil Bearing Crops	41	1,789	2	19
Greenhouse and Nursery Products	145	2,916	13	40
Agricultural, Forestry, Fishery Services	50	1,620	17	30
Landscape and Horticultural Services	143	6,381	58	108
<i>Primary Agricultural Total --</i>	1,257	51,210	136	369
<i>Secondary Agriculture</i>				
<i>Food & Kindred Products</i>				
Meat Packing Plants	257	764	22	27
Sausages and Other Prepared Meats	205	981	25	33

Table A.5. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Poultry Processing	138	1,099	28	33
Total --	600	2,844	75	94
<u>Dairy Products</u>				
Creamery Butter	26	40	2	3
Cheese, Natural and Processed	10	22	1	1
Condensed and Evaporated Milk	0	0	0	0
Ice Cream and Frozen Desserts	14	44	2	4
Fluid Milk	248	648	31	44
Total --	298	754	35	52
<u>Canned, Frozen, & Preserved Fruit</u>				
Canned Specialties	2	4	0 ^b	0 ^b
Canned Fruits and Vegetables	14	68	2	4
Dehydrated Food Products	0	0	0	0
Pickles, Sauces, and Salad Dressings	100	284	10	43
Frozen Fruits, Juices and Vegetables	0	0	0	0
Frozen Specialties	3	17	1	1
Total --	119	372	13	48
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	16	40	3	4
Cereal Preparations	1	2	0 ^b	0 ^b
Rice Milling	0	0	0	0
Blended and Prepared Flour	8	22	1	1
Wet Corn Milling	0	0	0	0
Dog, Cat, and Other Pet Food	73	198	8	13
Prepared Feeds, N.E.C	162	352	17	23
Total --	261	614	29	42
<u>Bakery Products</u>				
Bread, Cake, and Related Products	138	1,081	32	47
Cookies and Crackers	182	918	33	73
Total --	320	1,999	65	120
<u>Sugar & Confectionery Products</u>				
Sugar	0	0	0	0
Confectionery Products	271	1,276	35	78
Chocolate and Cocoa Products	0	0	0	0
Chewing Gum	0	0	0	0
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	271	1,276	35	78
<u>Fats & Oils</u>				
Cottonseed Oil Mills	0	0	0	0
Soybean Oil Mills	0	0	0	0
Vegetable Oil Mills, N.E.C	0	0	0	0

Table A.5. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Animal and Marine Fats and Oils	2	6	0 ^b	0 ^b
Shortening and Cooking Oils	0	0	0	0
Total --	2	6	0	0
<u>Beverages</u>				
Malt Beverages	10	38	1	2
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	11	61	1	3
Distilled Liquor, Except Brandy	123	109	6	91
Bottled and Canned Soft Drinks & Water	345	1,021	42	70
Flavoring Extracts and Syrups, N.E.C.	0 ^b	3	0 ^b	0 ^b
Total --	489	1,232	50	166
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	4	7	0 ^b	1
Potato Chips & Similar Snacks	140	478	19	47
Manufactured Ice	1	21	0 ^b	1
Macaroni and Spaghetti	0	0	0	0
Food Preparations, N.E.C.	14	75	2	4
Total --	159	582	22	52
Total --	2,519	9,680	324	653
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	402	652	46	157
Tobacco Stemming and Redrying	66	130	3	5
Total --	469	782	49	163
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	68	593	16	20
<u>Narrow Fabric Mills</u>	2	20	1	1
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	0	0	0	0
Hosiery, N.E.C.	0 ^b	4	0 ^b	0 ^b
Knit Outerwear Mills	5	43	1	1
Knit Underwear Mills	0 ^b	3	0 ^b	0 ^b
Knit Fabric Mills	25	135	5	5
Knitting Mills, N.E.C.	6	76	1	2
Total --	36	260	7	8
<u>Yarn/Thread Mills</u>				

Table A.5. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Yarn Mills and Finishing Of Textiles, N.E.C.	23	163	5	7
Thread Mills	5	36	1	2
Total --	28	199	6	9
<u>Carpets and Rugs</u>	143	802	22	33
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	40	213	7	8
Tire Cord and Fabric	3	2	0 ^b	2
Nonwoven Fabrics	199	644	38	72
Cordage and Twine	0	0	0	0
Textile Goods, N.E.C.	33	249	8	7
Total --	275	1,108	53	89
Total --	551	2,982	105	160
<i>Apparel</i>				
<u>Apparel Made From Purchased Materials</u>	1,056	12,829	272	342
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	1	23	0 ^b	0 ^b
Housefurnishings, N.E.C.	12	119	2	4
Textile Bags	3	29	1	1
Canvas Products	4	42	2	3
Pleating and Stitching	10	166	4	9
Automotive and Apparel Trimmings	56	508	13	16
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	47	435	7	15
Total --	134	1,323	30	49
Total --	1,190	14,153	302	391
<i>Leather</i>				
<u>Leather Tanning and Finishing</u>	50	242	5	7
<u>Footwear Cut Stock</u>	16	131	3	6
<u>Footwear, Except Rubber</u>				
House Slippers	0	0	0	0
Shoes, Except Rubber	128	1,834	38	57
Total --	128	1,834	38	57
<u>Leather Gloves and Mittens</u>	2	41	1	1
<u>Luggage</u>	35	308	10	21
<u>Handbags & Other Personal Leather Goods</u>				

Table A.5. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Women's Handbags and Purses	0	0	0	0
Personal Leather Goods	0	0	0	0
Total --	0	0	0	0
Leather Goods, N.E.C	4	66	1	3
Total --	234	2,621	58	94
Secondary Agriculture Total --				
	4,962	30,219	837	1,460
Agriculture Total --				
	6,577	82,694	1,026	1,945
Forest & Forestry Products, Logging				
<u>Forest Products</u>	36	1,111	1	13
<u>Forestry Products</u>	34	182	1	13
<u>Logging Camps and Logging Contractors</u>	76	524	9	25
Forest & Forestry Products, Logging Total --	146	1,816	11	50
Primary Forestry				
<u>Sawmills and Planing Mills</u>				
Sawmills and Planing Mills, General	319	2,105	50	84
Hardwood Dimension and Flooring Mills	147	2,172	49	73
Special Product Sawmills, N.E.C	0	0	0	0
Total --	466	4,277	99	157
<u>Pulp Mills</u>	0	0	0	0
<u>Paper Mills, Except Building Paper</u>	91	379	23	34
<u>Paperboard Mills</u>	0	0	0	0
Primary Forestry Total --	556	4,656	122	192
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	44	526	12	17
Wood Kitchen Cabinets	60	872	19	29
Veneer and Plywood	0 ^b	1	0 ^b	0 ^b
Structural Wood Members, N.E.C	9	95	2	3
Total --	114	1,494	33	49
<u>Wood Containers</u>				
Wood Containers	6	67	2	3
Wood Pallets and Skids	29	492	8	12
Total --	35	559	10	15
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	180	1,596	47	75

Table A.5. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Prefabricated Wood Buildings	21	174	6	8
Total --	201	1,771	53	83
<u>Miscellaneous Wood Products</u>				
Wood Preserving	10	37	1	2
Reconstituted Wood Products	1	5	0 ^b	1
Wood Products, N.E.C	63	871	18	28
Gum and Wood Chemicals	26	64	3	13
Total --	101	976	22	43
<u>Household Furniture</u>				
Wood Household Furniture	76	866	22	31
Upholstered Household Furniture	50	545	13	17
Mattresses and Bedspings	17	150	4	6
Wood TV and Radio Cabinets	3	35	1	1
Household Furniture, N.E.C	2	39	1	1
Total --	148	1,634	41	56
<u>Wood Office Furniture</u>	0 ^b	3	0 ^b	0 ^b
<u>Public Building Furniture</u>	253	1,375	51	80
<u>Wood Partitions and Fixtures</u>	14	172	6	8
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	1	7	0 ^b	0 ^b
Furniture and Fixtures, N.E.C	19	108	2	4
Total --	20	115	2	4
<u>Paperboard Containers and Boxes</u>	414	2,356	94	116
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	57	272	12	19
Paper Coated & Laminated N.E.C.	29	156	6	10
Bags, Paper	56	338	11	17
Die-cut Paper and Board	6	46	1	2
Sanitary Paper Products	6	12	1	2
Envelopes	51	390	14	16
Stationery Products	0	0	0	0
Converted Paper Products, N.E.C	88	529	19	30
Total --	292	1,743	64	95
Secondary Forestry Total --	1,592	12,199	376	550
Forestry Total --	2,294	18,671	509	792
Agriculture & Forestry Total --	8,872	101,365	1,535	2,737

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.

Table A.6. Chattanooga Region: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<u>Agricultural Chemicals</u>				
Nitrogenous and Phosphatic Fertilizers	0	0	0	0
Fertilizers, Mixing Only	0	0	0	0
Agricultural Chemicals, N.E.C	7	17	1	3
Total --	7	17	1	3
<u>Agricultural Machinery</u>				
Farm Machinery and Equipment	71	397	13	24
Lawn and Garden Equipment	0	0	0	0
Total --	71	397	13	24
<i>Agricultural Inputs Total --</i>	78	413	14	27
<i>Primary Agriculture</i>				
Dairy Farm Products	43	585	2	7
Poultry and Eggs	86	587	2	7
Ranch Fed Cattle	32	995	1	3
Range Fed Cattle	2	58	0 ^b	0 ^b
Cattle Feedlots	2	15	0 ^b	0 ^b
Sheep, Lambs and Goats	0 ^b	17	0 ^b	0 ^b
Hogs, Pigs and Swine	0 ^b	63	0 ^b	0 ^b
Other Meat Animal Products	0	0	0	0
Miscellaneous Livestock	2	253	0 ^b	0 ^b
Cotton	0	0	0	0
Food Grains	1	52	0 ^b	0 ^b
Feed Grains	2	96	0 ^b	1
Hay and Pasture	28	2,679	1	6
Grass Seeds	0	0	0	0
Tobacco	4	224	0 ^b	1
Fruits	2	22	0 ^b	0 ^b
Tree Nuts	0	0	0	0
Vegetables	6	175	1	2
Sugar Crops	0	0	0	0
Miscellaneous Crops	0	0	0	0
Oil Bearing Crops	3	163	0 ^b	1
Greenhouse and Nursery Products	6	154	1	2
Agricultural, Forestry, Fishery Services	4	237	2	2
Landscape and Horticultural Services	26	1,217	11	20
<i>Primary Agriculture Total --</i>	248	7,594	21	52
<i>Secondary Agriculture</i>				
<u>Food & Kindred Products</u>				
Meat Packing Plants	0	0	0	0
Sausages and Other Prepared Meats	6	30	1	1

Table A.6. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Poultry Processing	165	1,299	34	41
Total --	171	1,329	35	42
<u>Dairy Products</u>				
Creamery Butter	0	0	0	0
Cheese, Natural and Processed	0	0	0	0
Condensed and Evaporated Milk	0	0	0	0
Ice Cream and Frozen Desserts	0	0	0	0
Fluid Milk	224	603	24	34
Total --	224	603	24	34
<u>Canned, Frozen, & Preserved Fruit</u>				
Canned Specialties	0	0	0	0
Canned Fruits and Vegetables	1	3	0 ^b	0 ^b
Dehydrated Food Products	0	0	0	0
Pickles, Sauces, and Salad Dressings	0	0	0	0
Frozen Fruits, Juices and Vegetables	0	0	0	0
Frozen Specialties	0	0	0	0
Total --	1	3	0	0
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	70	187	10	13
Cereal Preparations	46	101	6	9
Rice Milling	0	0	0	0
Blended and Prepared Flour	41	108	5	7
Wet Corn Milling	0	0	0	0
Dog, Cat, and Other Pet Food	0	0	0	0
Prepared Feeds, N.E.C	4	8	0 ^b	0 ^b
Total --	161	404	21	29
<u>Bakery Products</u>				
Bread, Cake, and Related Products	231	1,597	63	93
Cookies and Crackers	591	2,729	116	256
Total --	822	4,326	178	349
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery Products	376	1,418	67	147
Chocolate and Cocoa Products	0	0	0	0
Chewing Gum	0	0	0	0
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	376	1,418	67	147
<u>Fats & Oils</u>				
Cottonseed Oil Mills	0	0	0	0
Soybean Oil Mills	53	36	1	3
Vegetable Oil Mills, N.E.C	0	0	0	0

Table A.6. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Animal and Marine Fats and Oils	0	0	0	0
Shortening and Cooking Oils	2	3	0 ^b	0 ^b
Total --	55	39	2	3
<u>Beverages</u>				
Malt Beverages	3	8	0 ^b	1
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	1	3	0 ^b	0 ^b
Distilled Liquor, Except Brandy	0	0	0	0
Bottled and Canned Soft Drinks & Water	373	1,120	42	71
Flavoring Extracts and Syrups, N.E.C.	10	45	3	5
Total --	386	1,176	46	78
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	0	0	0	0
Potato Chips & Similar Snacks	0	0	0	0
Manufactured Ice	0 ^b	7	0 ^b	0 ^b
Macaroni and Spaghetti	0	0	0	0
Food Preparations, N.E.C.	37	191	5	10
Total --	37	198	6	10
Total --	2,231	9,498	378	693
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	0	0	0	0
Tobacco Stemming and Redrying	0	0	0	0
Total --	0	0	0	0
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	49	422	12	15
<u>Narrow Fabric Mills</u>	4	68	1	2
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	11	182	2	3
Hosiery, N.E.C.	218	2,395	59	72
Knit Outerwear Mills	3	32	0 ^b	0 ^b
Knit Underwear Mills	0 ^b	4	0 ^b	0 ^b
Knit Fabric Mills	42	226	7	9
Knitting Mills, N.E.C.	0	0	0	0
Total --	274	2,839	70	85
<u>Yarn/Thread Mills</u>				

Table A.6. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Yarn Mills and Finishing Of Textiles, N.E.C.	422	2,944	96	131
Thread Mills	7	43	2	3
Total --	429	2,987	97	134
<u>Carpets and Rugs</u>	64	375	9	13
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	12	64	2	2
Tire Cord and Fabric	0	0	0	0
Nonwoven Fabrics	0	0	0	0
Cordage and Twine	4	36	1	1
Textile Goods, N.E.C.	51	412	10	8
Total --	67	512	13	11
Total --	887	7,202	202	259
<i>Apparel</i>				
<u>Apparel Made From Purchased Materials</u>	299	3,731	73	92
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	3	51	2	2
Housefurnishings, N.E.C.	45	403	10	18
Textile Bags	16	124	7	9
Canvas Products	6	61	2	4
Pleating and Stitching	1	28	0 ^b	1
Automotive and Apparel Trimmings	31	251	8	11
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	8	81	1	2
Total --	109	998	31	46
Total --	408	4,729	103	138
<i>Leather</i>				
<u>Leather Tanning and Finishing</u>	0	0	0	0
<u>Footwear Cut Stock</u>	0	0	0	0
<u>Footwear, Except Rubber</u>				
House Slippers	0 ^b	1	0 ^b	0 ^b
Shoes, Except Rubber	0	0	0	0
Total --	0	1	0	0
<u>Leather Gloves and Mittens</u>	4	99	2	2
<u>Luggage</u>	0	0	0	0
<u>Handbags & Other Personal Leather Goods</u>				

Table A.6. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Women's Handbags and Purses	0	0	0	0
Personal Leather Goods	0	0	0	0
Total --	0	0	0	0
<u>Leather Goods, N.E.C</u>	15	277	6	11
Total --	20	376	8	13
Secondary Agriculture Total --	3,546	21,806	692	1,103
Agriculture Total --	3,873	29,813	727	1,181
Forest & Forestry Products, Logging				
<u>Forest Products</u>	7	196	0 ^b	2
<u>Forestry Products</u>	35	180	1	13
<u>Logging Camps and Logging Contractors</u>	17	106	2	6
Forest & Forestry Products, Logging Total --	58	482	3	21
Primary Forestry				
<u>Sawmills and Planing Mills</u>				
Sawmills and Planing Mills, General	20	151	2	4
Hardwood Dimension and Flooring Mills	12	191	3	5
Special Product Sawmills, N.E.C	0	0	0	0
Total --	32	342	6	9
<u>Pulp Mills</u>	18	42	2	5
<u>Paper Mills, Except Building Paper</u>	283	1,070	81	120
<u>Paperboard Mills</u>	108	279	16	29
Primary Forestry Total --	441	1,733	105	163
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	5	53	1	2
Wood Kitchen Cabinets	11	168	4	6
Veneer and Plywood	0	0	0	0
Structural Wood Members, N.E.C	20	178	5	7
Total --	36	400	10	15
<u>Wood Containers</u>				
Wood Containers	3	36	1	1
Wood Pallets and Skids	7	122	2	3
Total --	10	159	3	4
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	0 ^b	1	0 ^b	0 ^b

Table A.6. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Prefabricated Wood Buildings	5	49	1	2
Total --	5	50	1	2
<u>Miscellaneous Wood Products</u>				
Wood Preserving	10	35	1	2
Reconstituted Wood Products	15	73	2	5
Wood Products, N.E.C	25	359	6	11
Gum and Wood Chemicals	0	0	0	0
Total --	49	466	9	17
<u>Household Furniture</u>				
Wood Household Furniture	47	567	13	19
Upholstered Household Furniture	347	3,618	98	128
Mattresses and Bedsprings	53	451	15	20
Wood TV and Radio Cabinets	0 ^b	4	0 ^b	0 ^b
Household Furniture, N.E.C	34	475	14	17
Total --	482	5,115	141	183
<u>Wood Office Furniture</u>	7	86	3	3
<u>Public Building Furniture</u>	244	1,337	48	76
<u>Wood Partitions and Fixtures</u>	2	21	1	1
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	0	0	0	0
Furniture and Fixtures, N.E.C	0	0	0	0
Total --	0	0	0	0
<u>Paperboard Containers and Boxes</u>	265	1,498	61	76
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	0	0	0	0
Paper Coated & Laminated N.E.C.	1	5	0 ^b	0 ^b
Bags, Paper	0	0	0	0
Die-cut Paper and Board	0 ^b	2	0 ^b	0 ^b
Sanitary Paper Products	0	0	0	0
Envelopes	0 ^b	4	0 ^b	0 ^b
Stationery Products	67	314	12	23
Converted Paper Products, N.E.C	1	4	0 ^b	0 ^b
Total --	69	328	12	23
Secondary Forestry Total --	1,168	9,461	288	399
Forestry Total --	1,667	11,676	395	584
Agriculture & Forestry Total --	5,540	41,490	1,122	1,765

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.

Table A.7. Knoxville Region: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous and Phosphatic Fertilizers	0	0	0	0
Fertilizers, Mixing Only	1	4	0 ^b	0 ^b
Agricultural Chemicals, N.E.C	8	18	1	3
Total --	9	22	1	3
<i>Agricultural Machinery</i>				
Farm Machinery and Equipment	3	15	0 ^b	1
Lawn and Garden Equipment	0	0	0	0
Total --	3	15	0	1
<i>Agricultural Inputs Total --</i>	11	37	2	4
<i>Primary Agriculture</i>				
Dairy Farm Products	28	647	3	9
Poultry and Eggs	23	346	2	5
Ranch Fed Cattle	51	2,755	4	12
Range Fed Cattle	3	160	0 ^b	1
Cattle Feedlots	3	35	0 ^b	1
Sheep, Lambs and Goats	0 ^b	91	0 ^b	0 ^b
Hogs, Pigs and Swine	1	164	0 ^b	0 ^b
Other Meat Animal Products	0	0	0	0
Miscellaneous Livestock	3	797	0 ^b	1
Cotton	0	0	0	0
Food Grains	1	46	0 ^b	0 ^b
Feed Grains	2	129	0 ^b	1
Hay and Pasture	39	6,232	1	16
Grass Seeds	0	0	0	0
Tobacco	31	2,956	4	8
Fruits	1	71	0 ^b	0 ^b
Tree Nuts	0	0	0	0
Vegetables	9	288	2	6
Sugar Crops	0	0	0	0
Miscellaneous Crops	0 ^b	4	0 ^b	0 ^b
Oil Bearing Crops	1	88	0 ^b	1
Greenhouse and Nursery Products	32	1,226	6	18
Agricultural, Forestry, Fishery Services	13	555	4	7
Landscape and Horticultural Services	62	2,961	24	47
<i>Primary Agriculture Total --</i>	303	19,553	51	132
<i>Secondary Agriculture</i>				
<i>Food & Kindred Products</i>				
Meat Packing Plants	62	177	7	9
Sausages and Other Prepared Meats	241	1,144	31	41

Table A.7. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Poultry Processing	106	859	20	24
Total --	410	2,181	59	74
<u>Dairy Products</u>				
Creamery Butter	0	0	0	0
Cheese, Natural and Processed	0	0	0	0
Condensed and Evaporated Milk	0	0	0	0
Ice Cream and Frozen Desserts	0	0	0	0
Fluid Milk	40	109	4	6
Total --	40	109	4	6
<u>Canned, Frozen, & Preserved Fruits</u>				
Canned Specialties	0	0	0	0
Canned Fruits and Vegetables	186	887	36	56
Dehydrated Food Products	0	0	0	0
Pickles, Sauces, and Salad Dressings	0	0	0	0
Frozen Fruits, Juices and Vegetables	0	0	0	0
Frozen Specialties	3	13	1	1
Total --	189	900	36	57
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	131	335	21	29
Cereal Preparations	0	0	0	0
Rice Milling	0	0	0	0
Blended and Prepared Flour	0	0	0	0
Wet Corn Milling	73	85	6	18
Dog, Cat, and Other Pet Food	0	0	0	0
Prepared Feeds, N.E.C	8	19	1	1
Total --	212	439	27	47
<u>Bakery Products</u>				
Bread, Cake, and Related Products	107	842	24	36
Cookies and Crackers	0	0	0	0
Total --	107	842	24	36
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery Products	2	10	0 ^b	1
Chocolate and Cocoa Products	23	89	3	7
Chewing Gum	0	0	0	0
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	25	98	3	7
<u>Fats & Oils</u>				
Cottonseed Oil Mills	0	0	0	0
Soybean Oil Mills	0	0	0	0
Vegetable Oil Mills, N.E.C	0	0	0	0

Table A.7. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Animal and Marine Fats and Oils	0	0	0	0
Shortening and Cooking Oils	0	0	0	0
Total --	0	0	0	0
<u>Beverages</u>				
Malt Beverages	1	4	0 ^b	0 ^b
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	2	9	0 ^b	0 ^b
Distilled Liquor, Except Brandy	0	0	0	0
Bottled and Canned Soft Drinks & Water	121	375	12	20
Flavoring Extracts and Syrups, N.E.C.	0	0	0	0
Total --	124	388	12	21
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	116	196	6	23
Potato Chips & Similar Snacks	92	305	13	32
Manufactured Ice	1	12	0 ^b	0 ^b
Macaroni and Spaghetti	0	0	0	0
Food Preparations, N.E.C.	9	51	1	2
Total --	217	563	21	57
Total --	1,324	5,521	187	306
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	0	0	0	0
Tobacco Stemming and Redrying	0	0	0	0
Total --	0	0	0	0
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	103	843	27	33
<u>Narrow Fabric Mills</u>	11	157	4	5
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	52	713	17	21
Hosiery, N.E.C.	23	270	6	7
Knit Outerwear Mills	9	89	1	1
Knit Underwear Mills	20	403	9	12
Knit Fabric Mills	87	507	11	13
Knitting Mills, N.E.C.	0	0	0	0
Total --	191	1,982	44	54
<u>Yard/Thread Mills</u>				

Table A.7. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Yarn Mills and Finishing Of Textiles, N.E.C.	13	98	3	4
Thread Mills	1	4	0 ^b	0 ^b
Total --	14	102	3	4
<u>Carpets and Rugs</u>	13	76	2	2
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	0	0	0	0
Tire Cord and Fabric	0	0	0	0
Nonwoven Fabrics	0	0	0	0
Cordage and Twine	34	271	9	10
Textile Goods, N.E.C.	13	116	2	1
Total --	47	388	11	11
Total --	378	3,548	91	111
<i>Apparel</i>				
<u>Apparel Made From Purchased Materials</u>	604	7,180	162	204
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	0 ^b	7	0 ^b	0 ^b
Housefurnishings, N.E.C.	6	53	1	2
Textile Bags	0	0	0	0
Canvas Products	23	327	9	14
Pleating and Stitching	0 ^b	7	0 ^b	0 ^b
Automotive and Apparel Trimmings	92	760	25	31
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	219	1,211	54	110
Total --	341	2,365	89	157
Total --	945	9,545	251	361
<i>Leather</i>				
<u>Leather Tanning and Finishing</u>	0	0	0	0
<u>Footwear Cut Stock</u>	0	0	0	0
<u>Footwear, Except Rubber</u>				
House Slippers	0	0	0	0
Shoes, Except Rubber	0 ^b	2	0 ^b	0 ^b
Total --	0	2	0	0
<u>Leather Gloves and Mittens</u>	0	0	0	0
<u>Luggage</u>	23	205	6	13
<u>Handbags & Other Personal Leather Goods</u>				

Table A.7. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Women's Handbags and Purses	1	12	0 ^b	0 ^b
Personal Leather Goods	0	0	0	0
Total --	1	12	0	0
<u>Leather Goods, N.E.C</u>	1	12	0	0
Total --	24	231	7	14
Secondary Agriculture Total --	2,672	18,845	536	792
Agriculture Total --	2,986	38,435	588	927
Forest & Forestry Products, Logging				
<u>Forest Products</u>	9	395	0 ^b	4
<u>Forestry Products</u>	39	264	1	11
<u>Logging Camps and Logging Contractors</u>	27	194	3	9
Forest & Forestry Products, Logging Total --	76	852	5	24
Primary Forestry				
<u>Sawmills & Planing Mills</u>				
Sawmills and Planing Mills, General	52	359	7	12
Hardwood Dimension and Flooring Mills	124	1,810	42	62
Special Product Sawmills, N.E.C	3	59	1	2
Total --	179	2,229	50	76
<u>Pulp Mills</u>	0	0	0	0
<u>Paper Mills, Except Building Paper</u>	24	114	5	7
<u>Paperboard Mills</u>	0	0	0	0
Primary Forestry Total --	203	2,342	55	84
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	21	232	6	8
Wood Kitchen Cabinets	58	872	18	28
Veneer and Plywood	0	0	0	0
Structural Wood Members, N.E.C	44	390	11	16
Total --	122	1,493	35	52
<u>Wood Containers</u>				
Wood Containers	0 ^b	7	0 ^b	0 ^b
Wood Pallets and Skids	8	134	2	3
Total --	8	141	2	3
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	237	2,109	61	98

Table A.7. (Continued)

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
Prefabricated Wood Buildings	65	600	16	23
Total --	302	2,710	77	121
<u>Miscellaneous Wood Products</u>				
Wood Preserving	2	6	0 ^b	0 ^b
Reconstituted Wood Products	0	0	0	0
Wood Products, N.E.C	10	151	3	4
Gum and Wood Chemicals	0	0	0	0
Total --	11	157	3	4
<u>Household Furniture</u>				
Wood Household Furniture	177	2,082	50	70
Upholstered Household Furniture	438	4,632	121	159
Mattresses and Bedspings	9	92	2	3
Wood TV and Radio Cabinets	92	860	27	33
Household Furniture, N.E.C	12	186	4	5
Total --	728	7,853	204	269
<u>Wood Office Furniture</u>	0 ^b	4	0 ^b	0 ^b
<u>Public Building Furniture</u>	41	216	8	13
<u>Wood Partitions and Fixtures</u>	19	291	6	8
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	1	6	0 ^b	0 ^b
Furniture and Fixtures, N.E.C	245	1,250	36	62
Total --	246	1,256	36	62
<u>Paperboard Containers and Boxes</u>				
	157	855	39	48
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	32	149	7	11
Paper Coated & Laminated N.E.C.	9	48	2	4
Bags, Paper	0	0	0	0
Die-cut Paper and Board	6	43	2	3
Sanitary Paper Products	0	0	0	0
Envelopes	0	0	0	0
Stationery Products	0	0	0	0
Converted Paper Products, N.E.C	98	610	19	31
Total --	146	850	31	48
Secondary Forestry Total --	1,780	15,825	441	630
Forestry Total --	2,059	19,019	501	738
Agriculture & Forestry Total --	5,045	57,454	1,089	1,666

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.

Table A.8. Tri-Cities Region: Direct Impacts from Agriculture and Forestry ^a

Sector	TIO (million \$)	Employment (number)	Wages (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous and Phosphatic Fertilizers	0	0	0	0
Fertilizers, Mixing Only	1	3	0 ^b	0
Agricultural Chemicals, N.E.C	3	6	0 ^b	1
Total --	4	10	1	1
<i>Agricultural Machinery</i>				
Farm Machinery and Equipment	3	18	0 ^b	1
Lawn and Garden Equipment	53	212	7	14
Total --	55	230	7	15
<i>Agricultural Inputs Total --</i>	59	240	8	16
<i>Primary Agriculture</i>				
Dairy Farm Products	27	591	2	8
Poultry and Eggs	13	181	1	3
Ranch Fed Cattle	35	1,872	2	8
Range Fed Cattle	2	115	0 ^b	1
Cattle Feedlots	2	24	0 ^b	0 ^b
Sheep, Lambs and Goats	0 ^b	33	0 ^b	0 ^b
Hogs, Pigs and Swine	0 ^b	117	0 ^b	0 ^b
Other Meat Animal Products	0	0	0	0
Miscellaneous Livestock	2	668	0 ^b	1
Cotton	0	0	0	0
Food Grains	0 ^b	12	0 ^b	0 ^b
Feed Grains	1	97	0 ^b	1
Hay and Pasture	29	4,757	1	13
Grass Seeds	0	0	0	0
Tobacco	40	3,471	4	10
Fruits	0 ^b	37	0 ^b	0 ^b
Tree Nuts	0	0	0	0
Vegetables	13	167	2	7
Sugar Crops	0	0	0	0
Miscellaneous Crops	0 ^b	3	0 ^b	0 ^b
Oil Bearing Crops	0 ^b	22	0 ^b	0 ^b
Greenhouse and Nursery Products	8	628	2	6
Agricultural, Forestry, Fishery Services	1	57	0 ^b	1
Landscape and Horticultural Services	20	904	8	15
<i>Primary Agriculture Total --</i>	196	13,756	25	74
<i>Secondary Agriculture</i>				
<i>Food & Kindred Products</i>				
Meat Packing Plants	7	19	1	1
Sausages and Other Prepared Meats	0	0	0	0

Table A.8. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Poultry Processing	0	0	0	0
Total --	7	19	1	1
<u>Dairy Products</u>				
Creamery Butter	0	0	0	0
Cheese, Natural and Processed	0	0	0	0
Condensed and Evaporated Milk	85	224	9	12
Ice Cream and Frozen Desserts	0	0	0	0
Fluid Milk	78	209	8	12
Total --	162	433	17	24
<u>Canned, Frozen, & Preserved Fruits</u>				
Canned Specialties	0	0	0	0
Canned Fruits and Vegetables	19	85	4	6
Dehydrated Food Products	0	0	0	0
Pickles, Sauces, and Salad Dressings	0	0	0	0
Frozen Fruits, Juices and Vegetables	0	0	0	0
Frozen Specialties	0	0	0	0
Total --	19	85	4	6
<u>Grain Mill Products</u>				
Flour and Other Grain Mill Products	17	40	3	5
Cereal Preparations	0	0	0	0
Rice Milling	0	0	0	0
Blended and Prepared Flour	0	0	0	0
Wet Corn Milling	0	0	0	0
Dog, Cat, and Other Pet Food	0	0	0	0
Prepared Feeds, N.E.C	5	12	1	1
Total --	22	52	4	5
<u>Bakery Products</u>				
Bread, Cake, and Related Products	46	318	12	18
Cookies and Crackers	0	0	0	0
Total --	46	318	12	18
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery Products	1	3	0 ^b	0 ^b
Chocolate and Cocoa Products	0	0	0	0
Chewing Gum	0	0	0	0
Salted and Roasted Nuts & Seeds	0	0	0	0
Total --	1	3	0	0
<u>Fats & Oils</u>				
Cottonseed Oil Mills	0	0	0	0
Soybean Oil Mills	0	0	0	0
Vegetable Oil Mills, N.E.C	0	0	0	0

Table A.8. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Animal and Marine Fats and Oils	0	0	0	0
Shortening and Cooking Oils	0	0	0	0
Total --	0	0	0	0
<u>Beverages</u>				
Malt Beverages	0	0	0	0
Malt	0	0	0	0
Wines, Brandy, and Brandy Spirits	0	0	0	0
Distilled Liquor, Except Brandy	0	0	0	0
Bottled and Canned Soft Drinks & Water	16	49	2	3
Flavoring Extracts and Syrups, N.E.C.	0	0	0	0
Total --	16	49	2	3
<u>Miscellaneous Food Preparations</u>				
Canned and Cured Sea Foods	0	0	0	0
Prepared Fresh Or Frozen Fish Or Seafood	0	0	0	0
Roasted Coffee	0	0	0	0
Potato Chips & Similar Snacks	0	0	0	0
Manufactured Ice	0	0	0	0
Macaroni and Spaghetti	0	0	0	0
Food Preparations, N.E.C.	0	0	0	0
Total --	0	0	0	0
Total --	273	958	40	58
<u>Tobacco</u>				
Cigarettes	0	0	0	0
Cigars	0	0	0	0
Chewing and Smoking Tobacco	0	0	0	0
Tobacco Stemming and Redrying	3	6	0 ^b	0 ^b
Total --	3	6	0	0
<u>Textiles</u>				
<u>Broadwoven Fabric Mills and Finishing</u>	138	1,221	31	38
<u>Narrow Fabric Mills</u>	0 ^b	2	0 ^b	0 ^b
<u>Knitting Mills</u>				
Women's Hosiery, Except Socks	0	0	0	0
Hosiery, N.E.C.	0 ^b	3	0 ^b	0 ^b
Knit Outerwear Mills	6	58	1	1
Knit Underwear Mills	0	0	0	0
Knit Fabric Mills	44	247	7	8
Knitting Mills, N.E.C.	0 ^b	3	0 ^b	0 ^b
Total --	50	311	8	9
<u>Yarn/Thread Mills</u>				

Table A.8. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Yarn Mills and Finishing Of Textiles, N.E.C.	100	719	21	29
Thread Mills	0	0	0	0
Total --	100	719	21	29
<u>Carpets and Rugs</u>	0 ^b	3	0 ^b	0 ^b
<u>Miscellaneous Textile Goods</u>				
Coated Fabrics, Not Rubberized	72	369	14	15
Tire Cord and Fabric	0	0	0	0
Nonwoven Fabrics	10	34	2	4
Cordage and Twine	0	0	0	0
Textile Goods, N.E.C.	0	0	0	0
Total --	82	403	16	19
Total --	371	2,658	76	96
<u>Apparel</u>				
<u>Apparel Made From Purchased Materials</u>	164	2,026	41	51
<u>Misc. Fabricated Textile Products</u>				
Curtains and Draperies	0	0	0	0
Housefurnishings, N.E.C.	0	0	0	0
Textile Bags	8	108	2	3
Canvas Products	2	31	1	1
Pleating and Stitching	1	32	0 ^b	1
Automotive and Apparel Trimmings	0 ^b	2	0 ^b	0 ^b
Schiffi Machine Embroideries	0	0	0	0
Fabricated Textile Products, N.E.C.	1	6	0 ^b	0
Total --	12	178	4	6
Total --	176	2,203	44	57
<u>Leather</u>				
<u>Leather Tanning and Finishing</u>	2	12	0 ^b	0 ^b
<u>Footwear Cut Stock</u>	0	0	0	0
<u>Footwear, Except Rubber</u>				
House Slippers	0	0	0	0
Shoes, Except Rubber	17	249	5	7
Total --	17	249	5	7
<u>Leather Gloves and Mittens</u>	0	0	0	0
<u>Luggage</u>	0 ^b	1	0 ^b	0 ^b
<u>Handbags & Other Personal Leather Goods</u>				

Table A.8. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Women's Handbags and Purses	0	0	0	0
Personal Leather Goods	0	0	0	0
Total --	0	0	0	0
<u>Leather Goods, N.E.C</u>	1	31	1	1
Total --	21	294	6	9
Secondary Agriculture Total --				
	843	6,120	166	220
Agriculture Total --				
	1,099	20,116	198	310
Forest & Forestry Products, Logging				
<u>Forest Products</u>	5	271	0 ^b	3
<u>Forestry Products</u>	33	302	2	4
<u>Logging Camps and Logging Contractors</u>	9	65	1	3
Forest & Forestry Products, Logging Total --	47	638	3	9
Primary Forestry				
<u>Sawmills & Planing Mills</u>				
Sawmills and Planing Mills, General	41	279	6	10
Hardwood Dimension and Flooring Mills	30	402	11	16
Special Product Sawmills, N.E.C	0	0	0	0
Total --	71	682	17	26
<u>Pulp Mills</u>	0	0	0	0
<u>Paper Mills, Except Building Paper</u>	190	815	46	69
<u>Paperboard Mills</u>	0	0	0	0
Primary Forestry Total --	262	1,497	63	95
Secondary Forestry				
<u>Millwork, Veneer, Plywood, & Struct. Wood</u>				
Millwork	0 ^b	4	0 ^b	0 ^b
Wood Kitchen Cabinets	4	56	1	2
Veneer and Plywood	0	0	0	0
Structural Wood Members, N.E.C	19	173	5	7
Total --	24	232	6	9
<u>Wood Containers</u>				
Wood Containers	0	0	0	0
Wood Pallets and Skids	6	100	2	3
Total --	6	100	2	3
<u>Wood Buildings & Mobile Homes</u>				
Mobile Homes	0	0	0	0

Table A.8. (Continued)

Sector	TIO	Employment	Wages	TVA
	(million \$)	(number)	(million \$)	(million \$)
Prefabricated Wood Buildings	0 ^b	2	0 ^b	0 ^b
Total --	0	2	0	0
<u>Miscellaneous Wood Products</u>				
Wood Preserving	41	158	3	7
Reconstituted Wood Products	14	69	2	5
Wood Products, N.E.C	8	120	2	4
Gum and Wood Chemicals	0	0	0	0
Total --	64	346	8	16
<u>Household Furniture</u>				
Wood Household Furniture	58	713	16	22
Upholstered Household Furniture	15	152	4	6
Mattresses and Bedsprings	2	20	0 ^b	1
Wood TV and Radio Cabinets	0	0	0	0
Household Furniture, N.E.C	1	22	0 ^b	1
Total --	77	907	21	29
<u>Wood Office Furniture</u>	0	0	0	0
<u>Public Building Furniture</u>	12	69	2	3
<u>Wood Partitions and Fixtures</u>	0 ^b	3	0 ^b	0 ^b
<u>Miscellaneous</u>				
Blinds, Shades, and Drapery Hardware	0 ^b	3	0 ^b	0 ^b
Furniture and Fixtures, N.E.C	0	0	0	0
Total --	0	3	0	0
<u>Paperboard Containers and Boxes</u>	54	310	12	14
<u>Converted Paper & Paperboard Products</u>				
Paper Coated & Laminated Packaging	0	0	0	0
Paper Coated & Laminated N.E.C.	11	76	2	2
Bags, Paper	1	8	0 ^b	1
Die-cut Paper and Board	0	0	0	0
Sanitary Paper Products	0	0	0	0
Envelopes	0	0	0	0
Stationery Products	0	0	0	0
Converted Paper Products, N.E.C	165	1,096	28	45
Total --	177	1,180	30	48
Secondary Forestry Total --	413	3,152	80	122
Forestry Total --	722	5,287	147	227
Agriculture & Forestry Total --	1,820	25,403	345	536

^a Totals may not add due to rounding.

^b Values of zero are nonzero values less than 1.