

**Appendix B: Total Industry Output, Employment, Labor Income,
and Total Value-Added by Agriculture and Forestry Sectors for
Tennessee, 2003**

Table B.1. Direct Impacts from Agriculture and Forestry^a, Tennessee, 2003

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<i>Agricultural Inputs</i>				
<u>Agricultural Chemicals</u>				
Nitrogenous fertilizers	98	113	9	18
Phosphatic fertilizers	15	23	2	2
Fertilizers, mixing only	14	44	2	2
Pesticide & other agricultural chemicals	640	600	51	205
Total --	767	780	64	227
<u>Agricultural Machinery</u>				
Farm machinery & equipment	101	364	14	23
Lawn & garden equipment	1,144	2,918	130	240
Total --	1,245	3,281	145	263
<i>Agricultural Inputs Total --</i>	2,011	4,061	208	490
<i>Primary Agriculture</i>				
Oilseed farming	296	13,892	1	157
Grain farming	210	14,964	3	109
Vegetable & melon farming	125	3,064	9	95
Tree nut farming	0 ^b	3	0 ^b	0 ^b
Fruit farming	18	813	2	11
Greenhouse & nursery production	318	11,296	50	286
Tobacco farming	90	6,567	3	65
Cotton farming	360	8,627	34	219
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	149	3,339	7	98
Cattle ranching & farming	597	20,166	21	64
Poultry & egg production	384	3,369	20	198
Animal production, except cattle/poultry/ eggs	130	12,286	10	22
Fishing	7	466	3	4
Hunting & trapping	25	492	1	2
Agriculture & forestry support activities	161	8,143	166	129
<i>Primary Agriculture Total --</i>	2,871	107,488	329	1,458
<i>Secondary Agriculture</i>				
<u>Foods</u>				
Dog & cat food	435	453	34	72
Other animal food	377	636	43	57
Total --	812	1,088	77	129
<u>Grain & Oilseed Milling</u>				
Flour milling	279	416	20	37
Rice milling	60	96	9	15
Malts	0	0	0	0
Wet corn milling	363	318	35	81
Soybean processing	383	172	15	23
Other oilseed processing	152	88	6	10
Fats & oils refining & blending	243	197	15	28

Table B.1. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Breakfast cereals	482	503	44	73
Total --	1,963	1,789	144	267
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	1	2	0 ^b	0 ^b
Confectionery from purchased chocolate	603	1,812	93	231
Nonchocolate confectionery	347	1,322	64	136
Total --	950	3,135	158	367
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	624	2,038	109	218
Fruit & vegetable canning & drying	628	1,469	92	195
Total --	1,251	3,507	202	413
<u>Dairy Products</u>				
Fluid milk	724	1,338	73	89
Creamery butter	42	95	3	4
Cheese	144	224	11	14
Dry, condensed, & evaporated dairy products	477	651	36	118
Ice cream & frozen desserts	50	125	6	12
Total --	1,437	2,433	129	237
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	1,094	3,063	120	136
Meat processed from carcasses	357	1,032	39	50
Rendering & meat byproduct processing	68	150	7	17
Poultry processing	1,389	7,579	239	402
Total --	2,908	11,825	405	603
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	65	432	21	28
Bread & bakery products, except frozen	623	4,753	197	310
Cookie & crackers	383	1,214	52	127
Mixes & dough made from purchased flour	859	2,017	115	251
Dry pasta	2	6	0 ^b	0 ^b
Tortillas	1	6	0 ^b	0 ^b
Total --	1,932	8,428	384	716
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	1,306	2,508	149	442
Coffee & tea	44	101	3	4
Flavoring syrup & concentrates	192	111	7	31
Mayonnaise, dressing, & sauces	124	365	14	30
Spices & extracts	16	40	2	5

Table B.1. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
All other foods	192	701	35	48
Total --	1,874	3,826	209	560
<u>Beverages</u>				
Soft drinks & ice	2,145	4,151	273	468
Breweries	404	483	50	187
Wineries	23	84	3	5
Distilleries	252	250	26	161
Total --	2,824	4,969	351	820
<u>Tobacco Products</u>				
Tobacco stemming & redrying	82	198	15	17
Cigarettes	0	0	0	0
Other tobacco products	1,439	848	93	689
Total --	1,521	1,046	107	706
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	749	3,718	146	160
Broadwoven fabric mills	108	667	27	30
Narrow fabric mills & schiffli embroidery	7	79	3	3
Nonwoven fabric mills	236	724	51	73
Knit fabric mills	82	504	18	21
Textile & fabric finishing mills	222	1,129	34	37
Fabric coating mills	129	577	26	38
Total --	1,534	7,400	305	361
<u>Textile Product Mills</u>				
Carpet & rug mills	186	585	24	43
Curtain & linen mills	112	707	22	34
Textile bag & canvas mills	112	991	46	48
Tire cord & tire fabric mills	182	680	35	46
Other miscellaneous textile product mills	93	868	23	25
Total --	685	3,831	150	196
<u>Apparel</u>				
Sheer hosiery mills	74	484	22	30
Other hosiery & sock mills	147	1,454	43	55
Other apparel knitting mills	4	43	1	1
Cut & sew apparel	1,199	8,328	272	551
Accessories & other apparel	47	434	16	23
Total --	1,472	10,743	353	660
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	30	143	4	7
Footwear	121	1,138	32	37
Other leather products	73	614	24	57
Total --	224	1,894	60	100
Secondary Agriculture Total --	21,386	65,913	3,034	6,137

Table B.1. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<i>Agriculture Total --</i>	26,269	177,461	3,572	8,086
<i>Forestry Inputs</i>				
Logging	703	3,280	156	310
Forest nurseries/forest products/timber tracts	36	74	4	15
<i>Forestry Inputs Total --</i>	739	3,354	160	325
<i>Primary Forestry</i>				
Sawmills	833	3,854	124	190
Pulp mills	316	574	54	65
Paper & paperboard mills	3,351	6,102	630	1,129
<i>Primary Forestry Total --</i>	4,499	10,529	809	1,384
<i>Secondary Forestry</i>				
<u>Wood Preservation</u>	31	133	4	5
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	60	239	7	18
Veneer & plywood	49	315	11	13
Engineered wood members & trusses	137	887	35	58
Total --	246	1,441	53	88
<u>Millwork</u>				
Wood windows & doors	198	1,244	44	68
Cut stock, resawing lumber, & planing	162	1,224	38	47
Other millwork, including flooring	529	3,379	132	147
Total --	889	5,847	213	262
<u>Wood Containers & Pallets</u>	198	2,076	55	74
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	472	3,342	137	216
Prefabricated wood buildings	91	623	25	29
Total --	563	3,965	162	245
<u>All Other Miscellaneous Wood Products</u>	82	757	22	31
<u>Paperboard Containers</u>	1,692	6,406	344	393
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0 ^b	1	0 ^b	0 ^b
Coated/laminated paper/package materials	613	1,905	115	183
Coated & uncoated paper bags	116	460	23	27
Total --	730	2,366	137	210
<u>Stationery Products</u>				

Table B.1. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Die-cut paper office supplies	164	757	37	45
Envelopes	127	569	26	34
Stationery & related products	19	93	4	6
Total --	310	1,418	67	85
<u>Other Converted Paper Products</u>				
Sanitary paper products	417	960	72	158
All other converted paper products	271	1,262	54	87
Total --	688	2,222	127	245
<u>Wood Kitchen Cabinets & Countertops</u>	246	2,191	70	87
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	900	7,147	248	254
Nonupholstered wood household furniture	157	1,311	41	51
Institutional furniture	480	3,282	125	171
Other household & institutional furniture	67	601	21	24
Total --	1,604	12,341	434	500
<u>Office Furniture</u>				
Wood office furniture	30	180	5	7
Custom architectural woodwork & millwork	40	342	16	19
Showcases, partitions, shelving, & lockers	308	2,522	92	118
Total --	378	3,044	113	144
<u>Other Furniture Related Products</u>				
Mattress	142	646	22	33
Blind & shades	24	180	6	8
Total --	166	826	28	41
<i>Secondary Forestry Total --</i>	7,821	45,032	1,831	2,410
<i>Forestry Total --</i>	13,059	58,916	2,799	4,119
<i>Agriculture & Forestry Total --</i>	39,328	236,377	6,371	12,205
<i>Construction --</i>	20,881	207,642	7,836	9,129
<i>Finance, Insurance, & Real Estate --</i>	54,229	246,094	10,686	37,234
<i>Government --</i>	28,280	415,638	17,751	20,787
<i>Manufacturing --</i>	84,764	288,869	17,015	24,265
<i>Mining --</i>	1,028	4,960	251	511
<i>Retail Trade --</i>	22,353	390,591	10,429	16,794
<i>Services --</i>	86,954	1,263,103	42,125	51,151
<i>Transportation, Information, & Utilities --</i>	33,459	232,529	11,395	17,869
<i>Wholesale Trade --</i>	16,935	132,509	7,214	12,881
<i>Total Economy --</i>	388,211	3,418,311	131,075	202,825

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.

Table B.2. Direct Impacts from Agriculture and Forestry^a, Chattanooga, 2003

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous fertilizers	0	0	0	0
Phosphatic fertilizers	0	0	0	0
Fertilizers, mixing only	0	0	0	0
Pesticide & other agricultural chemicals	9	9	1	3
Total --	9	9	1	3
<i>Agricultural Machinery</i>				
Farm machinery & equipment	45	169	6	9
Lawn & garden equipment	0	0	0	0
Total --	45	169	6	9
<i>Agricultural Inputs Total --</i>	54	178	6	12
<i>Primary Agriculture</i>				
Oilseed farming	3	225	0 ^b	2
Grain farming	2	281	0 ^b	1
Vegetable & melon farming	27	536	0 ^b	20
Tree nut farming	0	0	0	0
Fruit farming	2	82	0 ^b	1
Greenhouse & nursery production	20	703	2	19
Tobacco farming	2	117	0 ^b	1
Cotton farming	0	0	0	0
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	12	219	0 ^b	8
Cattle ranching & farming	73	2,062	2	8
Poultry & egg production	91	732	5	47
Animal production, except cattle/poultry/ eggs	7	686	0 ^b	1
Fishing	0	0	0	0
Hunting & trapping	0	0	0	0
Agriculture & forestry support activities	4	207	5	4
<i>Primary Agriculture Total --</i>	244	5,851	14	112
<i>Secondary Agriculture</i>				
<i>Foods</i>				
Dog & cat food	0	0	0	0
Other animal food	20	33	2	3
Total --	20	33	2	3
<i>Grain & Oilseed Milling</i>				
Flour milling	34	54	1	3
Rice milling	0	0	0	0
Malts	0	0	0	0
Wet corn milling	0	0	0	0
Soybean processing	2	1	0 ^b	0 ^b
Other oilseed processing	0	0	0	0

Table B.2. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Fats & oils refining & blending	86	71	4	8
Breakfast cereals	1	1	0 ^b	0 ^b
Total --	122	127	6	11
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	0	0	0	0
Confectionery from purchased chocolate	221	519	42	103
Nonchocolate confectionery	134	508	25	53
Total --	355	1,027	67	156
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	1	4	0 ^b	0 ^b
Fruit & vegetable canning & drying	0	0	0	0
Total --	1	4	0 ^b	0 ^b
<u>Dairy Products</u>				
Fluid milk	3	5	0 ^b	0 ^b
Creamery butter	0	0	0	0
Cheese	0	0	0	0
Dry, condensed, & evaporated dairy products	0	0	0	0
Ice cream & frozen desserts	1	2	0 ^b	0 ^b
Total --	3	7	0 ^b	0 ^b
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	9	26	1	1
Meat processed from carcasses	4	13	1	1
Rendering & meat byproduct processing	0	0	0	0
Poultry processing	425	2,332	71	122
Total --	439	2,371	73	124
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	0	0	0	0
Bread & bakery products, except frozen	338	2,505	108	171
Cookie & crackers	383	1,214	52	127
Mixes & dough made from purchased flour	107	320	7	15
Dry pasta	0	0	0	0
Tortillas	0	0	0	0
Total --	828	4,040	167	313
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	44	93	4	13
Coffee & tea	1	2	0 ^b	0 ^b
Flavoring syrup & concentrates	125	70	5	23
Mayonnaise, dressing, & sauces	0	0	0	0

Table B.2. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Spices & extracts	0	0	0	0
All other foods	28	108	4	6
Total --	197	272	13	42
<u>Beverages</u>				
Soft drinks & ice	578	1,139	69	119
Breweries	0	0	0	0
Wineries	3	9	0 ^b	1
Distilleries	0	0	0	0
Total --	581	1,149	69	120
<u>Tobacco Products</u>				
Tobacco stemming & redrying	0	0	0	0
Cigarettes	0	0	0	0
Other tobacco products	0	0	0	0
Total --	0	0	0	0
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	603	2,987	119	130
Broadwoven fabric mills	5	27	1	1
Narrow fabric mills & schiffli embroidery	0	0	0	0
Nonwoven fabric mills	0	0	0	0
Knit fabric mills	15	90	3	4
Textile & fabric finishing mills	35	174	6	6
Fabric coating mills	0	0	0	0
Total --	657	3,279	129	141
<u>Textile Product Mills</u>				
Carpet & rug mills	43	140	5	9
Curtain & linen mills	5	30	1	2
Textile bag & canvas mills	22	199	9	9
Tire cord & tire fabric mills	0	0	0	0
Other miscellaneous textile product mills	9	84	3	3
Total --	80	453	18	23
<u>Apparel</u>				
Sheer hosiery mills	52	322	16	22
Other hosiery & sock mills	134	1,338	39	50
Other apparel knitting mills	0	0	0	0
Cut & sew apparel	212	1,442	49	98
Accessories & other apparel	0 ^b	3	0 ^b	0 ^b
Total --	398	3,105	104	171
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	12	57	2	3
Footwear	0	0	0	0
Other leather products	11	109	4	9
Total --	23	166	5	12

Table B.2. (Continued)

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Secondary Agriculture Total --</i>	3,705	16,032	653	1,116
<i>Agriculture Total --</i>	4,003	22,062	674	1,240
<i>Forestry Inputs</i>				
Logging	56	288	12	24
Forest nurseries/forest products/timber tracts	1	2	0 ^b	0 ^b
<i>Forestry Inputs Total --</i>	57	290	12	24
<i>Primary Forestry</i>				
Sawmills	26	124	4	6
Pulp mills	17	35	1	1
Paper & paperboard mills	1,206	2,228	220	397
<i>Primary Forestry Total --</i>	1,249	2,387	225	404
<i>Secondary Forestry</i>				
<u>Wood Preservation</u>	3	13	0 ^b	0 ^b
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	2	7	0 ^b	1
Veneer & plywood	2	13	0 ^b	1
Engineered wood members & trusses	16	108	4	7
Total --	20	128	5	8
<u>Millwork</u>				
Wood windows & doors	1	8	0 ^b	0 ^b
Cut stock, resawing lumber, & planing	3	23	1	1
Other millwork, including flooring	2	11	0 ^b	0 ^b
Total --	6	43	1	1
<u>Wood Containers & Pallets</u>	44	463	12	16
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	0	0	0	0
Prefabricated wood buildings	15	99	4	5
Total --	15	99	4	5
<u>All Other Miscellaneous Wood Products</u>	4	39	1	1
<u>Paperboard Containers</u>	336	1,293	65	74
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0 ^b	1	0 ^b	0 ^b
Coated/laminated paper/packaging materials	6	19	1	2
Coated & uncoated paper bags	1	5	0 ^b	0 ^b
Total --	7	25	1	2

Table B.2. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Stationery Products</u>				
Die-cut paper office supplies	14	60	4	5
Envelopes	0 ^b	1	0 ^b	0 ^b
Stationery & related products	14	71	3	5
Total --	29	132	7	9
<u>Other Converted Paper Products</u>				
Sanitary paper products	0	0	0	0
All other converted paper products	2	12	0 ^b	0 ^b
Total --	2	12	0 ^b	0 ^b
<u>Wood Kitchen Cabinets & Countertops</u>	21	202	6	7
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	502	4,010	136	139
Nonupholstered wood household furniture	33	266	9	12
Institutional furniture	5	35	1	2
Other household & institutional furniture	12	107	4	4
Total --	552	4,417	150	157
<u>Office Furniture</u>				
Wood office furniture	12	70	2	3
Custom architectural woodwork & millwork	3	27	1	1
Showcases, partitions, shelving, & lockers	3	24	1	1
Total --	17	120	4	5
<u>Other Furniture Related Products</u>				
Mattress	2	10	0 ^b	0 ^b
Blind & shades	0	0	0	0
Total --	2	10	0 ^b	0 ^b
<i>Secondary Forestry Total --</i>	1,058	6,994	257	286
<i>Forestry Total --</i>	2,363	9,671	493	715
<i>Agriculture & Forestry Total --</i>	6,366	31,733	1,167	1,955
<i>Construction --</i>	1,932	18,623	744	867
<i>Finance, Insurance, & Real Estate --</i>	6,582	31,319	1,405	4,010
<i>Government --</i>	5,018	44,531	2,193	2,637
<i>Manufacturing --</i>	10,335	34,324	1,987	3,179
<i>Mining --</i>	42	331	15	27
<i>Retail Trade --</i>	2,541	50,566	1,163	1,880
<i>Services --</i>	7,914	122,206	3,657	4,541
<i>Transportation, Information, & Utilities --</i>	3,184	26,741	1,067	1,589
<i>Wholesale Trade --</i>	1,389	11,996	592	1,057
<i>Total Economy --</i>	45,303	372,370	13,990	21,742

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.

Table B.3. Direct Impacts from Agriculture and Forestry^a, Knoxville, 2003

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<u>Agricultural Chemicals</u>				
Nitrogenous fertilizers	0	0	0	0
Phosphatic fertilizers	0	0	0	0
Fertilizers, mixing only	1	4	0 ^b	0 ^b
Pesticide & other agricultural chemicals	34	30	3	12
Total --	36	34	3	12
<u>Agricultural Machinery</u>				
Farm machinery & equipment	18	62	3	5
Lawn & garden equipment	0	0	0	0
Total --	18	62	3	5
<i>Agricultural Inputs Total --</i>	54	96	6	17
<i>Primary Agriculture</i>				
Oilseed farming	2	198	0 ^b	1
Grain farming	2	354	0 ^b	1
Vegetable & melon farming	25	860	2	19
Tree nut farming	0	0	0	0
Fruit farming	3	211	0 ^b	2
Greenhouse & nursery production	55	2,583	15	49
Tobacco farming	11	1,254	0 ^b	8
Cotton farming	0	0	0	0
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	22	620	1	15
Cattle ranching & farming	84	3,490	4	9
Poultry & egg production	34	458	2	17
Animal production, except cattle/poultry/ eggs	17	2,172	2	3
Fishing	0	0	0	0
Hunting & trapping	16	309	0	1
Agriculture & forestry support activities	9	489	9	7
<i>Primary Agriculture Total --</i>	281	12,997	36	133
<i>Secondary Agriculture</i>				
<u>Foods</u>				
Dog & cat food	0	0	0	0
Other animal food	43	77	3	5
Total --	43	77	3	5
<u>Grain & Oilseed Milling</u>				
Flour milling	95	143	7	12
Rice milling	0	0	0	0
Malts	0	0	0	0
Wet corn milling	183	169	15	34
Soybean processing	0	0	0	0
Other oilseed processing	0	0	0	0

Table B.3. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Fats & oils refining & blending	0	0	0	0
Breakfast cereals	0	0	0	0
Total --	279	312	21	47
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	0	0	0	0
Confectionery from purchased chocolate	6	25	1	1
Nonchocolate confectionery	4	15	1	1
Total --	10	41	1	3
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	26	82	5	9
Fruit & vegetable canning & drying	413	930	65	136
Total --	439	1,012	69	145
<u>Dairy Products</u>				
Fluid milk	46	85	5	6
Creamery butter	0	0	0	0
Cheese	7	11	0 ^b	0 ^b
Dry, condensed, & evaporated dairy products	0	0	0	0
Ice cream & frozen desserts	0	0	0	0
Total --	53	96	5	6
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	116	319	15	16
Meat processed from carcasses	141	408	15	19
Rendering & meat byproduct processing	19	48	1	3
Poultry processing	2	8	0 ^b	1
Total --	278	783	31	39
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	0	0	0	0
Bread & bakery products, except frozen	77	680	22	35
Cookie & crackers	0	0	0	0
Mixes & dough made from purchased flour	192	333	38	83
Dry pasta	0	0	0	0
Tortillas	0	0	0	0
Total --	269	1,013	60	118
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	191	396	19	58
Coffee & tea	41	93	2	3
Flavoring syrup & concentrates	0	0	0	0
Mayonnaise, dressing, & sauces	0	0	0	0

Table B.3. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Spices & extracts	0	0	0	0
All other foods	18	69	3	4
Total --	250	558	25	66
<u>Beverages</u>				
Soft drinks & ice	296	588	35	59
Breweries	0	0	0	0
Wineries	6	21	1	1
Distilleries	0	0	0	0
Total --	302	609	35	61
<u>Tobacco Products</u>				
Tobacco stemming & redrying	0	0	0	0
Cigarettes	0	0	0	0
Other tobacco products	0	0	0	0
Total --	0	0	0	0
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	3	17	0 ^b	0 ^b
Broadwoven fabric mills	57	355	14	16
Narrow fabric mills & schiffli embroidery	4	48	1	2
Nonwoven fabric mills	0 ^b	1	0 ^b	0 ^b
Knit fabric mills	13	82	3	4
Textile & fabric finishing mills	19	99	2	2
Fabric coating mills	3	16	0 ^b	1
Total --	100	618	22	24
<u>Textile Product Mills</u>				
Carpet & rug mills	0	0	0	0
Curtain & linen mills	28	164	6	10
Textile bag & canvas mills	32	274	14	15
Tire cord & tire fabric mills	0	0	0	0
Other miscellaneous textile product mills	19	183	4	5
Total --	79	620	25	29
<u>Apparel</u>				
Sheer hosiery mills	22	161	6	8
Other hosiery & sock mills	11	112	3	4
Other apparel knitting mills	1	13	0 ^b	0 ^b
Cut & sew apparel	254	1,807	57	115
Accessories & other apparel	4	50	1	1
Total --	293	2,145	67	129
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	0	0	0	0
Footwear	0	0	0	0
Other leather products	39	294	13	31
Total --	39	294	13	31

Table B.3. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<i>Secondary Agriculture Total --</i>	2,434	8,177	379	702
<i>Agriculture Total --</i>	2,769	21,270	421	852
<i>Forestry Inputs</i>				
Logging	84	394	18	37
Forest nurseries/forest products/timber tracts	10	26	1	4
<i>Forestry Inputs Total --</i>	93	421	19	40
<i>Primary Forestry</i>				
Sawmills	71	321	11	17
Pulp mills	0	0	0	0
Paper & paperboard mills	129	277	18	32
<i>Primary Forestry Total --</i>	200	598	30	49
<i>Secondary Forestry</i>				
<u>Wood Preservation</u>	1	3	0 ^b	0 ^b
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	0	0	0	0
Veneer & plywood	0	0	0	0
Engineered wood members & trusses	54	322	15	25
Total --	54	322	15	25
<u>Millwork</u>				
Wood windows & doors	25	155	6	9
Cut stock, resawing lumber, & planing	47	351	11	14
Other millwork, including flooring	135	886	32	35
Total --	207	1,391	49	58
<u>Wood Containers & Pallets</u>	11	120	3	4
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	290	2,081	83	131
Prefabricated wood buildings	32	214	9	11
Total --	322	2,295	92	142
<u>All Other Miscellaneous Wood Products</u>	10	88	3	4
<u>Paperboard Containers</u>	173	642	37	42
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0	0	0	0
Coated/laminated paper/packaging materials	46	127	11	17
Coated & uncoated paper bags	4	18	1	1
Total --	51	146	11	18

Table B.3. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Stationery Products</u>				
Die-cut paper office supplies	53	229	14	16
Envelopes	0	0	0	0
Stationery & related products	4	22	1	1
Total --	57	251	15	18
<u>Other Converted Paper Products</u>				
Sanitary paper products	0	0	0	0
All other converted paper products	37	175	7	11
Total --	37	175	7	11
<u>Wood Kitchen Cabinets & Countertops</u>	52	450	15	19
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	344	2,701	98	100
Nonupholstered wood household furniture	31	281	7	9
Institutional furniture	281	1,936	72	99
Other household & institutional furniture	34	304	10	12
Total --	690	5,222	187	219
<u>Office Furniture</u>				
Wood office furniture	0 ^b	1	0 ^b	0 ^b
Custom architectural woodwork & millwork	9	87	3	4
Showcases, partitions, shelving, & lockers	103	871	29	37
Total --	112	959	32	41
<u>Other Furniture Related Products</u>				
Mattress	41	192	6	9
Blind & shades	0 ^b	3	0 ^b	0 ^b
Total --	42	195	6	9
<i>Secondary Forestry Total --</i>	1,816	12,260	472	610
<i>Forestry Total --</i>	2,110	13,278	521	699
<i>Agriculture & Forestry Total --</i>	4,878	34,548	942	1,551
<i>Construction --</i>	3,708	37,108	1,383	1,612
<i>Finance, Insurance, & Real Estate --</i>	7,814	37,031	1,306	5,513
<i>Government --</i>	4,607	76,116	3,115	3,614
<i>Manufacturing --</i>	12,275	45,976	2,619	3,629
<i>Mining --</i>	442	1,953	86	187
<i>Retail Trade --</i>	4,096	72,168	1,913	3,073
<i>Services --</i>	15,471	219,626	7,199	8,831
<i>Transportation, Information, & Utilities --</i>	4,524	26,580	1,292	2,222
<i>Wholesale Trade --</i>	2,779	22,188	1,181	2,114
<i>Total Economy --</i>	60,594	573,296	21,037	32,345

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.

Table B.4. Direct Impacts from Agriculture and Forestry^a, Memphis, 2003

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous fertilizers	98	113	9	18
Phosphatic fertilizers	15	23	2	2
Fertilizers, mixing only	1	4	0 ^b	0 ^b
Pesticide & other agricultural chemicals	354	346	28	107
Total --	468	485	38	127
<i>Agricultural Machinery</i>				
Farm machinery & equipment	28	98	5	7
Lawn & garden equipment	455	1,172	50	92
Total --	484	1,270	54	100
<i>Agricultural Inputs Total --</i>	952	1,756	93	227
<i>Primary Agriculture</i>				
Oilseed farming	233	8,685	1	123
Grain farming	146	7,411	2	75
Vegetable & melon farming	27	279	2	20
Tree nut farming	0 ^b	2	0 ^b	0 ^b
Fruit farming	4	85	0 ^b	2
Greenhouse & nursery production	30	768	5	27
Tobacco farming	3	80	0 ^b	3
Cotton farming	347	7,839	33	212
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	19	232	1	12
Cattle ranching & farming	62	1,102	2	7
Poultry & egg production	22	93	2	12
Animal production, except cattle/poultry/ eggs	38	1,978	3	6
Fishing	7	466	3	4
Hunting & trapping	0	0	0	0
Agriculture & forestry support activities	110	5,405	113	88
<i>Primary Agriculture Total --</i>	1,048	34,425	167	591
<i>Secondary Agriculture</i>				
<i>Foods</i>				
Dog & cat food	267	275	22	47
Other animal food	192	319	23	31
Total --	459	594	46	77
<i>Grain & Oilseed Milling</i>				
Flour milling	112	165	9	16
Rice milling	60	96	9	15
Malts	0	0	0	0
Wet corn milling	180	149	21	47
Soybean processing	361	162	14	22
Other oilseed processing	152	88	6	10

Table B.4. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Fats & oils refining & blending	137	108	10	19
Breakfast cereals	482	502	43	73
Total --	1,484	1,269	112	201
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	1	2	0 ^b	0 ^b
Confectionery from purchased chocolate	2	8	0 ^b	1
Nonchocolate confectionery	178	670	33	71
Total --	181	679	34	72
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	595	1,946	104	208
Fruit & vegetable canning & drying	177	429	24	51
Total --	772	2,375	129	259
<u>Dairy Products</u>				
Fluid milk	167	312	16	19
Creamery butter	0	0	0	0
Cheese	96	149	7	10
Dry, condensed, & evaporated dairy products	464	633	34	115
Ice cream & frozen desserts	50	124	6	12
Total --	777	1,217	63	155
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	525	1,462	60	68
Meat processed from carcasses	59	171	6	8
Rendering & meat byproduct processing	49	102	5	13
Poultry processing	0	0	0	0
Total --	633	1,735	72	89
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	24	155	8	11
Bread & bakery products, except frozen	45	345	14	22
Cookie & crackers	0	0	0	0
Mixes & dough made from purchased flour	448	1,028	63	136
Dry pasta	0	0	0	0
Tortillas	0	0	0	0
Total --	517	1,527	85	169
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	950	1,786	111	331
Coffee & tea	0	0	0	0
Flavoring syrup & concentrates	68	41	2	8
Mayonnaise, dressing, & sauces	17	49	2	5

Table B.4. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Spices & extracts	0	0	0	0
All other foods	126	450	24	33
Total --	1,161	2,325	139	377
<u>Beverages</u>				
Soft drinks & ice	769	1,499	96	164
Breweries	404	483	50	187
Wineries	1	2	0 ^b	0 ^b
Distilleries	0	0	0	0
Total --	1,173	1,984	146	351
<u>Tobacco Products</u>				
Tobacco stemming & redrying	10	23	2	2
Cigarettes	0	0	0	0
Other tobacco products	179	103	12	86
Total --	189	126	14	89
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	34	168	7	7
Broadwoven fabric mills	14	78	5	5
Narrow fabric mills & schiffli embroidery	0	0	0	0
Nonwoven fabric mills	0	0	0	0
Knit fabric mills	47	289	11	12
Textile & fabric finishing mills	44	213	8	9
Fabric coating mills	1	7	0 ^b	0 ^b
Total --	140	755	30	34
<u>Textile Product Mills</u>				
Carpet & rug mills	1	4	0 ^b	0 ^b
Curtain & linen mills	58	365	12	17
Textile bag & canvas mills	21	205	8	8
Tire cord & tire fabric mills	0	0	0	0
Other miscellaneous textile product mills	32	300	8	8
Total --	112	874	27	34
<u>Apparel</u>				
Sheer hosiery mills	0	0	0	0
Other hosiery & sock mills	0	0	0	0
Other apparel knitting mills	0 ^b	5	0 ^b	0 ^b
Cut & sew apparel	239	1,904	49	99
Accessories & other apparel	33	284	11	17
Total --	272	2,193	60	116
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	1	3	0 ^b	0 ^b
Footwear	12	119	3	3
Other leather products	0 ^b	4	0 ^b	0 ^b
Total --	13	126	3	3

Table B.4. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<i>Secondary Agriculture Total --</i>	7,883	17,778	959	2,028
<i>Agriculture Total --</i>	9,883	53,959	1,220	2,846
<i>Forestry Inputs</i>				
Logging	336	1,458	77	152
Forest nurseries/forest products/timber tracts	8	18	1	3
<i>Forestry Inputs Total --</i>	344	1,476	78	155
<i>Primary Forestry</i>				
Sawmills	202	956	28	43
Pulp mills	299	539	52	63
Paper & paperboard mills	1,308	2,277	263	470
<i>Primary Forestry Total --</i>	1,810	3,772	344	577
<i>Secondary Forestry</i>				
<u>Wood Preservation</u>	1	6	0 ^b	0 ^b
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	56	224	7	16
Veneer & plywood	47	302	10	13
Engineered wood members & trusses	11	81	3	4
Total --	114	606	20	33
<u>Millwork</u>				
Wood windows & doors	129	820	28	44
Cut stock, resawing lumber, & planing	12	95	3	3
Other millwork, including flooring	165	1,043	42	47
Total --	306	1,958	72	94
<u>Wood Containers & Pallets</u>				
	71	767	19	25
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	75	560	21	33
Prefabricated wood buildings	4	25	1	2
Total --	79	585	22	34
<u>All Other Miscellaneous Wood Products</u>				
	10	80	3	4
<u>Paperboard Containers</u>				
	468	1,793	92	104
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0	0	0	0
Coated/laminated paper/packaging materials	72	220	14	22
Coated & uncoated paper bags	61	230	13	16
Total --	133	450	27	38

Table B.4. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Stationery Products</u>				
Die-cut paper office supplies	97	464	20	24
Envelopes	77	353	15	20
Stationery & related products	0	0	0	0
Total --	174	816	35	43
<u>Other Converted Paper Products</u>				
Sanitary paper products	417	960	72	158
All other converted paper products	0	0	0	0
Total --	417	960	72	158
<u>Wood Kitchen Cabinets & Countertops</u>	58	517	17	21
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	37	297	10	11
Nonupholstered wood household furniture	15	120	4	5
Institutional furniture	70	528	15	21
Other household & institutional furniture	4	41	1	1
Total --	126	985	31	38
<u>Office Furniture</u>				
Wood office furniture	3	17	1	1
Custom architectural woodwork & millwork	12	103	4	5
Showcases, partitions, shelving, & lockers	12	98	3	4
Total --	26	218	8	10
<u>Other Furniture Related Products</u>				
Mattress	23	106	4	6
Blind & shades	18	130	4	6
Total --	41	235	8	12
<i>Secondary Forestry Total --</i>	2,024	9,975	425	615
<i>Forestry Total --</i>	4,177	15,223	847	1,347
<i>Agriculture & Forestry Total --</i>	14,060	69,182	2,067	4,193
<i>Construction --</i>	5,512	54,514	2,078	2,421
<i>Finance, Insurance, & Real Estate --</i>	15,036	64,733	3,338	10,604
<i>Government --</i>	8,056	122,437	5,431	6,327
<i>Manufacturing --</i>	18,345	64,707	3,777	5,635
<i>Mining --</i>	62	474	25	44
<i>Retail Trade --</i>	5,931	99,448	2,770	4,448
<i>Services --</i>	23,138	356,450	11,110	13,663
<i>Transportation, Information, & Utilities --</i>	12,140	90,211	4,804	7,221
<i>Wholesale Trade --</i>	6,032	44,292	2,570	4,588
<i>Total Economy --</i>	108,311	966,447	37,969	59,145

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.

Table B.5. Direct Impacts from Agriculture and Forestry^a, Nashville, 2003

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<i>Agricultural Chemicals</i>				
Nitrogenous fertilizers	0	0	0	0
Phosphatic fertilizers	0	0	0	0
Fertilizers, mixing only	11	36	1	2
Pesticide & other agricultural chemicals	243	216	20	83
Total --	254	251	21	85
<i>Agricultural Machinery</i>				
Farm machinery & equipment	9	35	1	2
Lawn & garden equipment	522	1,309	63	115
Total --	531	1,343	64	117
<i>Agricultural Inputs Total --</i>	785	1,595	85	202
<i>Primary Agriculture</i>				
Oilseed farming	58	4,743	0 ^b	31
Grain farming	59	6,730	1	30
Vegetable & melon farming	35	912	2	26
Tree nut farming	0	0	0	0
Fruit farming	8	343	1	5
Greenhouse & nursery production	196	6,027	26	173
Tobacco farming	58	3,458	2	42
Cotton farming	13	788	1	8
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	81	1,767	3	53
Cattle ranching & farming	312	10,170	9	34
Poultry & egg production	216	1,747	10	111
Animal production, except cattle/poultry/ eggs	62	6,593	4	10
Fishing	0	0	0	0
Hunting & trapping	10	183	1	1
Agriculture & forestry support activities	36	1,967	38	29
<i>Primary Agriculture Total --</i>	1,143	45,427	98	554
<i>Secondary Agriculture</i>				
<i>Foods</i>				
Dog & cat food	167	177	11	25
Other animal food	100	168	12	15
Total --	267	345	23	41
<i>Grain & Oilseed Milling</i>				
Flour milling	8	14	0 ^b	0 ^b
Rice milling	0	0	0	0
Malts	0	0	0	0
Wet corn milling	0	0	0	0
Soybean processing	20	9	1	1
Other oilseed processing	0	0	0	0

Table B.5. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Fats & oils refining & blending	20	17	1	1
Breakfast cereals	0	0	0	0
Total --	49	40	1	3
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	0	0	0	0
Confectionery from purchased chocolate	373	1,260	51	126
Nonchocolate confectionery	27	118	5	9
Total --	401	1,378	55	135
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	2	7	0 ^b	0 ^b
Fruit & vegetable canning & drying	38	110	3	7
Total --	39	117	3	7
<u>Dairy Products</u>				
Fluid milk	367	676	38	46
Creamery butter	42	95	3	4
Cheese	41	64	3	4
Dry, condensed, & evaporated dairy products	0	0	0	0
Ice cream & frozen desserts	0	0	0	0
Total --	450	835	44	54
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	435	1,234	44	50
Meat processed from carcasses	153	440	17	22
Rendering & meat byproduct processing	0	0	0	0
Poultry processing	962	5,239	168	279
Total --	1,550	6,913	228	351
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	41	277	13	17
Bread & bakery products, except frozen	156	1,174	50	78
Cookie & crackers	0	0	0	0
Mixes & dough made from purchased flour	112	336	7	16
Dry pasta	2	6	0 ^b	0 ^b
Tortillas	1	6	0 ^b	0 ^b
Total --	311	1,799	70	112
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	118	229	14	40
Coffee & tea	3	6	0 ^b	0 ^b
Flavoring syrup & concentrates	0	0	0	0
Mayonnaise, dressing, & sauces	107	317	11	26

Table B.5. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Spices & extracts	16	40	2	5
All other foods	19	70	3	5
Total --	263	662	31	75
<u>Beverages</u>				
Soft drinks & ice	403	742	59	101
Breweries	0	0	0	0
Wineries	14	52	2	3
Distilleries	252	250	26	161
Total --	669	1,044	87	265
<u>Tobacco Products</u>				
Tobacco stemming & redrying	72	175	12	15
Cigarettes	0	0	0	0
Other tobacco products	1,260	745	81	602
Total --	1,332	920	94	617
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	7	37	1	2
Broadwoven fabric mills	7	44	1	1
Narrow fabric mills & schiffli embroidery	0	0	0	0
Nonwoven fabric mills	228	696	49	70
Knit fabric mills	2	11	0	0
Textile & fabric finishing mills	105	539	16	17
Fabric coating mills	31	141	6	9
Total --	379	1,468	74	99
<u>Textile Product Mills</u>				
Carpet & rug mills	138	431	18	33
Curtain & linen mills	20	142	3	5
Textile bag & canvas mills	25	218	11	11
Tire cord & tire fabric mills	182	680	35	46
Other miscellaneous textile product mills	30	274	8	8
Total --	396	1,745	74	103
<u>Apparel</u>				
Sheer hosiery mills	0	0	0	0
Other hosiery & sock mills	0	0	0	0
Other apparel knitting mills	2	25	0 ^b	0 ^b
Cut & sew apparel	464	2,985	110	223
Accessories & other apparel	10	97	4	5
Total --	477	3,107	114	229
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	15	74	2	3
Footwear	109	1,014	29	34
Other leather products	21	196	7	17
Total --	145	1,285	38	53

Table B.5. (Continued)

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Secondary Agriculture Total --</i>	6,729	21,657	938	2,144
<i>Agriculture Total --</i>	8,656	68,678	1,121	2,901
Forestry Inputs				
Logging	201	1,017	43	86
Forest nurseries/forest products/timber tracts	0	0	0	0
<i>Forestry Inputs Total --</i>	201	1,017	43	86
Primary Forestry				
Sawmills	465	2,134	71	108
Pulp mills	0	0	0	0
Paper & paperboard mills	151	311	23	41
<i>Primary Forestry Total --</i>	615	2,445	94	149
Secondary Forestry				
<u>Wood Preservation</u>	1	3	0 ^b	0 ^b
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	2	8	0 ^b	1
Veneer & plywood	0	0	0	0
Engineered wood members & trusses	33	223	8	13
Total --	35	231	8	14
<u>Millwork</u>				
Wood windows & doors	41	251	10	15
Cut stock, resawing lumber, & planing	84	635	19	24
Other millwork, including flooring	164	1,032	42	47
Total --	289	1,919	71	86
<u>Wood Containers & Pallets</u>				
	60	597	18	24
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	106	691	33	52
Prefabricated wood buildings	40	278	10	12
Total --	146	969	44	64
<u>All Other Miscellaneous Wood Products</u>				
	58	533	15	22
<u>Paperboard Containers</u>				
	519	1,908	115	132
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0	0	0	0
Coated/laminated paper/packaging materials	143	420	30	48
Coated & uncoated paper bags	50	205	8	10
Total --	193	625	38	58

Table B.5. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Stationery Products</u>				
Die-cut paper office supplies	1	4	0	0
Envelopes	49	215	11	14
Stationery & related products	0	0	0	0
Total --	50	219	11	14
<u>Other Converted Paper Products</u>				
Sanitary paper products	0	0	0	0
All other converted paper products	172	766	37	59
Total --	172	766	37	59
<u>Wood Kitchen Cabinets & Countertops</u>	103	906	30	37
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	15	129	4	4
Nonupholstered wood household furniture	47	373	13	16
Institutional furniture	124	780	36	49
Other household & institutional furniture	17	149	6	7
Total --	203	1,431	58	76
<u>Office Furniture</u>				
Wood office furniture	15	91	3	3
Custom architectural woodwork & millwork	17	126	7	9
Showcases, partitions, shelving, & lockers	189	1,518	58	74
Total --	221	1,735	68	87
<u>Other Furniture Related Products</u>				
Mattress	70	312	11	17
Blind & shades	0	0	0	0
Total --	70	312	11	17
<i>Secondary Forestry Total --</i>	2,119	12,154	525	689
<i>Forestry Total --</i>	2,936	15,616	662	924
<i>Agriculture & Forestry Total --</i>	11,592	84,294	1,783	3,825
<i>Construction --</i>	8,271	82,163	3,107	3,619
<i>Finance, Insurance, & Real Estate --</i>	22,298	101,904	4,240	15,302
<i>Government --</i>	8,929	143,914	5,945	6,963
<i>Manufacturing --</i>	37,571	117,582	7,188	9,682
<i>Mining --</i>	462	2,085	119	240
<i>Retail Trade --</i>	8,346	141,027	3,899	6,296
<i>Services --</i>	35,747	488,342	17,921	21,466
<i>Transportation, Information, & Utilities --</i>	11,754	76,671	3,707	5,951
<i>Wholesale Trade --</i>	5,947	46,254	2,535	4,524
<i>Total Economy --</i>	150,918	1,284,237	50,443	77,867

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.

Table B.6. Direct Impacts from Agriculture and Forestry^a, Tri-Cities, 2003

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Agricultural Inputs</i>				
<u>Agricultural Chemicals</u>				
Nitrogenous fertilizers	0	0	0	0
Phosphatic fertilizers	0	0	0	0
Fertilizers, mixing only	0	0	0	0
Pesticide & other agricultural chemicals	0	0	0	0
Total --	0	0	0	0
<u>Agricultural Machinery</u>				
Farm machinery & equipment	0	0	0	0
Lawn & garden equipment	167	437	18	32
Total --	167	437	18	32
<i>Agricultural Inputs Total --</i>	167	437	18	32
<i>Primary Agriculture</i>				
Oilseed farming	0 ^b	40	0 ^b	0 ^b
Grain farming	1	188	0 ^b	0 ^b
Vegetable & melon farming	11	477	2	9
Tree nut farming	0 ^b	1	0 ^b	0 ^b
Fruit farming	1	92	0 ^b	1
Greenhouse & nursery production	20	1,215	3	17
Tobacco farming	15	1,660	0 ^b	11
Cotton farming	0	0	0	0
Sugarcane & sugar beet farming	0	0	0	0
All other crop farming	16	502	1	10
Cattle ranching & farming	67	3,342	4	7
Poultry & egg production	20	339	1	10
Animal production, except cattle/poultry/ eggs	5	857	1	1
Fishing	0	0	0	0
Hunting & trapping	0	0	0	0
Agriculture & forestry support activities	2	75	2	1
<i>Primary Agriculture Total --</i>	158	8,787	14	69
<i>Secondary Agriculture</i>				
<u>Foods</u>				
Dog & cat food	0	0	0	0
Other animal food	23	39	3	3
Total --	23	39	3	3
<u>Grain & Oilseed Milling</u>				
Flour milling	30	41	3	6
Rice milling	0	0	0	0
Malts	0	0	0	0
Wet corn milling	0	0	0	0
Soybean processing	0	0	0	0
Other oilseed processing	0	0	0	0

Table B.6. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Fats & oils refining & blending	0	0	0	0
Breakfast cereals	0	0	0	0
Total --	30	41	3	6
<u>Sugar & Confectionary Products</u>				
Sugar	0	0	0	0
Confectionery from cacao beans	0	0	0	0
Confectionery from purchased chocolate	0	0	0	0
Nonchocolate confectionery	3	10	1	1
Total --	3	10	1	1
<u>Fruit & Vegetable Preserving & Specialty Foods</u>				
Frozen foods	0	0	0	0
Fruit & vegetable canning & drying	0	0	0	0
Total --	0	0	0	0
<u>Dairy Products</u>				
Fluid milk	141	261	14	18
Creamery butter	0	0	0	0
Cheese	0	0	0	0
Dry, condensed, & evaporated dairy products	13	18	2	3
Ice cream & frozen desserts	0	0	0	0
Total --	154	279	16	21
<u>Animal Slaughtering & Processing</u>				
Animal, except poultry, slaughtering	8	22	1	1
Meat processed from carcasses	0	0	0	0
Rendering & meat byproduct processing	0	0	0	0
Poultry processing	0	0	0	0
Total --	8	22	1	1
<u>Seafood Product Preparation & Packaging</u>				
	0	0	0	0
<u>Bakeries & Tortillas</u>				
Frozen cakes & other pastries	0	0	0	0
Bread & bakery products, except frozen	7	49	2	4
Cookie & crackers	0	0	0	0
Mixes & dough made from purchased flour	0	0	0	0
Dry pasta	0	0	0	0
Tortillas	0	0	0	0
Total --	7	49	2	4
<u>Other Foods</u>				
Roasted nuts & peanut butter	0	0	0	0
Other snack foods	2	4	0 ^b	0 ^b
Coffee & tea	0	0	0	0
Flavoring syrup & concentrates	0	0	0	0
Mayonnaise, dressing, & sauces	0	0	0	0

Table B.6. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
Spices & extracts	0	0	0	0
All other foods	1	5	0 ^b	0 ^b
Total --	3	9	0 ^b	1
<u>Beverages</u>				
Soft drinks & ice	98	183	14	24
Breweries	0	0	0	0
Wineries	0	0	0	0
Distilleries	0	0	0	0
Total --	98	183	14	24
<u>Tobacco Products</u>				
Tobacco stemming & redrying	0	0	0	0
Cigarettes	0	0	0	0
Other tobacco products	0	0	0	0
Total --	0	0	0	0
<u>Textile Mills</u>				
Fiber, yarn, & thread mills	101	509	19	21
Broadwoven fabric mills	25	163	5	6
Narrow fabric mills & schiffli embroidery	3	32	1	1
Nonwoven fabric mills	9	27	2	2
Knit fabric mills	5	32	1	1
Textile & fabric finishing mills	20	104	3	3
Fabric coating mills	94	414	19	28
Total --	257	1,282	50	63
<u>Textile Product Mills</u>				
Carpet & rug mills	3	11	0 ^b	1
Curtain & linen mills	1	6	0 ^b	0 ^b
Textile bag & canvas mills	11	95	5	5
Tire cord & tire fabric mills	0	0	0	0
Other miscellaneous textile product mills	3	27	1	1
Total --	18	139	6	7
<u>Apparel</u>				
Sheer hosiery mills	0	0	0	0
Other hosiery & sock mills	2	3	1	1
Other apparel knitting mills	0	0	0	0
Cut & sew apparel	29	189	7	14
Accessories & other apparel	0	0	0	0
Total --	31	193	8	15
<u>Leather & Allied Products</u>				
Leather & hide tanning & finishing	2	8	0 ^b	0 ^b
Footwear	0 ^b	4	0 ^b	0 ^b
Other leather products	1	11	0 ^b	1
Total --	3	24	1	1

Table B.6. (Continued)

Sector	TIO (million \$)	Employment (number)	Labor Income (million \$)	TVA (million \$)
<i>Secondary Agriculture Total --</i>	635	2,269	105	147
<i>Agriculture Total --</i>	960	11,493	136	247
Forestry Inputs				
Logging	26	123	6	11
Forest nurseries/forest products/timber tracts	17	26	2	8
<i>Forestry Inputs Total --</i>	43	149	8	20
Primary Forestry				
Sawmills	69	318	11	16
Pulp mills	0	0	0	0
Paper & paperboard mills	557	1,009	106	189
<i>Primary Forestry Total --</i>	626	1,328	116	205
Secondary Forestry				
<u>Wood Preservation</u>	25	108	4	4
<u>Veneer, Plywood, & Engineered Wood Products</u>				
Reconstituted wood products	0	0	0	0
Veneer & plywood	0	0	0	0
Engineered wood members & trusses	23	153	6	9
Total --	23	153	6	9
<u>Millwork</u>				
Wood windows & doors	2	9	0 ^b	1
Cut stock, resawing lumber, & planing	16	120	4	5
Other millwork, including flooring	63	407	16	18
Total --	81	536	20	23
<u>Wood Containers & Pallets</u>	12	130	3	4
<u>Manufactured Homes (Mobile Home)</u>				
Manufactured homes, mobile homes	1	10	0 ^b	1
Prefabricated wood buildings	1	7	0 ^b	0 ^b
Total --	2	17	1	1
<u>All Other Miscellaneous Wood Products</u>	2	17	0 ^b	0 ^b
<u>Paperboard Containers</u>	196	770	35	40
<u>Paper Bags & Coated & Treated Paper</u>				
Surface-coated paperboard	0	0	0	0
Coated/laminated paper/packaging materials	346	1,119	59	95
Coated & uncoated paper bags	1	3	0 ^b	0 ^b
Total --	346	1,122	59	95

Table B.6. (Continued)

Sector	TIO	Employment	Labor Income	TVA
	(million \$)	(number)	(million \$)	(million \$)
<u>Stationery Products</u>				
Die-cut paper office supplies	0	0	0	0
Envelopes	0	0	0	0
Stationery & related products	0	0	0	0
Total --	0	0	0	0
<u>Other Converted Paper Products</u>				
Sanitary paper products	0	0	0	0
All other converted paper products	60	308	10	16
Total --	60	308	10	16
<u>Wood Kitchen Cabinets & Countertops</u>	12	117	3	3
<u>Household & Institutional Furniture</u>				
Upholstered household furniture	1	11	0 ^b	0 ^b
Nonupholstered wood household furniture	31	272	8	9
Institutional furniture	0 ^b	3	0 ^b	0 ^b
Other household & institutional furniture	0	0	0	0
Total --	33	286	8	10
<u>Office Furniture</u>				
Wood office furniture	0	0	0	0
Custom architectural woodwork & millwork	0	0	0	0
Showcases, partitions, shelving, & lockers	1	12	0 ^b	0 ^b
Total --	1	12	0 ^b	0 ^b
<u>Other Furniture Related Products</u>				
Mattress	6	26	1	1
Blind & shades	6	47	1	2
Total --	12	74	2	3
<i>Secondary Forestry Total --</i>	805	3,650	151	209
<i>Forestry Total --</i>	1,474	5,127	276	434
<i>Agriculture & Forestry Total --</i>	2,435	16,620	412	681
<i>Construction --</i>	1,459	15,234	524	610
<i>Finance, Insurance, & Real Estate --</i>	2,499	11,107	397	1,806
<i>Government --</i>	1,669	28,639	1,068	1,247
<i>Manufacturing --</i>	6,239	26,279	1,445	2,139
<i>Mining --</i>	20	117	7	13
<i>Retail Trade --</i>	1,439	27,381	684	1,096
<i>Services --</i>	4,684	76,479	2,238	2,649
<i>Transportation, Information, & Utilities --</i>	1,858	12,326	526	886
<i>Wholesale Trade --</i>	787	7,780	335	598
<i>Total Economy --</i>	23,087	221,961	7,635	11,727

^aTotals may not add due to rounding.

^bValues of zero are nonzero values less than 1.