

May 4, 2011

Ronald A. Jones Sr. Vice President Nuclear Development

Duke Energy EC09D/ 526 South Church Street Charlotte, NC 28201-1006

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U.S. Nuclear Regulatory Commission Attn: Document Control Desk Washington, DC 20555-0001

Subject: Duke Energy Carolinas, LLC William States Lee III Nuclear Station - Docket Nos. 52-018 and 52-019 AP1000 Combined License Application for the William States Lee III Nuclear Station Units 1 and 2 Supplemental Response to Request for Additional Information (ER RAI 23) Ltr# WLG2011.05-01

References: Letter from J.M. Muir (NRC) to B.J. Dolan (Duke Energy), Request for Additional Information Regarding the Environmental Review of the Combined License Application for William States Lee Nuclear Station Units 1 and 2, dated August 21, 2008 (ML082200509).

> Letter from B.J. Dolan (Duke Energy) to U.S. Nuclear Regulatory Commission, Response to Request for Additional Information for William States Lee III Nuclear Station Units 1 and 2, dated November 20, 2008 (ML083310541).

This letter provides supplemental information for Duke Energy's response to the Nuclear Regulatory Commission's request for additional information (RAI) included in the referenced letters.

RAI 23, Supplement, Socioeconomics

The response to the NRC information request described in the referenced letter is addressed in a separate enclosure, which also identifies associated changes to the Combined License Application for the Lee Nuclear Station, when appropriate.

www.duke-energy.com

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If you have any questions or need any additional information, please contact Peter S. Hastings, Nuclear Plant Development Licensing Manager, at 980-373-7820.

Sincerely,

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Rohald A. Jones Sr. Vice President Nuclear Development

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Enclosure:

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1) Response to ER RAI 23 Supplement, Socioeconomics

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xc (w/o enclosure):

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Loren Plisco, Deputy Regional Administrator, Region II Allen Fetter, Acting Branch Chief of Reactor Projects Branch 3

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xc (w/ enclosure):

Sarah Lopas, Senior Project Manager, DSER Terri Miley, PNNL

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AFFIDAVIT OF RONALD A. JONES

Ronald A. Jones, being duly sworn, states that he is Senior Vice President, Nuclear Development, Duke Energy Carolinas, LLC, that he is authorized on the part of said Company to sign and file with the U. S. Nuclear Regulatory Commission this supplement to the combined license application for the William States Lee III Nuclear Station and that all the matter and facts set forth herein are true and correct to the best of his knowledge.

Ronald A. Jones

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Subscribed and sworn to me on <u>May 4, 2011</u> <u>Huda K. Chump</u> Notary Public My commission expires August 17, 2011 May 4, 2011 Notary Public My commission expires August 17, 2011 May 4, 2011 Notary Public My commission expires August 17, 2011 May 4, 2011 Notary Public My commission expires August 17, 2011 May 4, 2011 Notary Public My commission expires August 17, 2011

Lee Nuclear Station Response to Request for Additional Information (RAI)

RAI Letter Dated: August 21, 2008

Reference NRC RAI Number: ER RAI 23 Supplement, Socioeconomics

NRC RAI:

ER RAI 23: Provide information on unemployment and the correlation between unemployment and population growth.

Subsequent to Duke Energy's response to RAI 23, the NRC staff requested Duke Energy to discuss the request made to the Bureau of Economic Analysis (BEA) for the set of RIMS II multipliers for a specific set of counties that were used in the evaluation of unemployment and population statistics provided in the ER, and to provide the response from BEA (the RIMS II multipliers), confirming the values and the area for which it applies.

Duke Energy Response:

The RIMS II multipliers for the Duke Region were ordered online through the Bureau of Economic Analysis (BEA) Regional Economic Accounts website and obtained from the BEA in April 2007 (https://www.bea.gov/regional/rims/rimsii/). When ordering the data, the following selections were made: Step 1 – Benchmark Series; Step 2 – Type I; Step 3 – Region. The multipliers were part of the Benchmark Series, which was based on BEA's 1997 national benchmark input-output (I-O) accounts and BEA's 2004 regional economic accounts. The Type I selection indicates that the data estimates the impact of industries purchasing from industries. The selected region consisted of the following counties: Burke, Cabarrus, Catawba, Cleveland, Gaston, Henderson, Iredell, Lincoln, McDowell, Mecklenburg, Polk, Rutherford, Union Counties in North Carolina and Cherokee, Chester, Fairfield, Greenville, Lancaster, Laurens, Newberry, Spartanburg, Union, and York Counties in South Carolina. The multipliers obtained from the BEA are enclosed, along with the receipt of the order and website's order page showing the date the information was retrieved.

Associated Revisions to the Lee Nuclear Station Combined License Application:

None

Attachment:

Attachment ER RAI 23S-01 William States Lee III Nuclear Station Units 1 and 2, Environmental Report, April 2007 RIMS II Data, Order Receipt and Website Order Page •

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Attachment ER RAI 23S-01

William States Lee III Nuclear Station Units 1 and 2, Environmental Report, April 2007 RIMS II Data, Order Receipt and Website Order Page

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	Multiplier							
INDUSTRY		Final Dem	Dire	Direct Effect				
	Output/1/ Earr (dollars) (do		Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)			
1111A0 Oilseed farming	1.4994	0.2010	6.3806	2.0739	1.8741			
1111B0 Grain farming	1.4672	0.1933	6.7071	2.0462	1.7363			
111200 Vegetable and melon farming	1.3822	0.2499	11.8973	1.5422	1.2827			
1113A0 Fruit farming	1.4997	0.3255	18.5142	1.5323	1.2194			
111335 Tree nut farming	1.3922	0.3227	14.6192	1.4036	1.2433			
111400 Greenhouse and nursery production	1.2515	0.3298	12.1395	1.2322	1.1811			
111910 Tobacco farming	1.4117	0.2360	11.4309	1.6552	1.3034			
111920 Cotton farming	1.5671	0.2566	10.1860	2.0216	1.6344			
1119A0 Sugarcane and sugar beet farming	1.0000	0.0000	0.0000	0.0000	0.0000			
1119B0 All other crop farming	1.4905	0.2037	7.8469	2.0439	1.6100			
112100 Cattle ranching and farming	1.7304	0.2276	8.0358	2.4094	2.0426			
112300 Poultry and egg production	1.8787	0.2528	6.5235	2.6627	2.5425			
112A00 Animal production, except cattle and poultry and eggs	1.7878	0.2391	7.1898	2.5311	2.3127			
113A00 Forest nurseries, forest products, and timber tracts	1.3823	0.2029	7.1270	2.1619	2.3509			
113300 Logging	1.4873	0.2580	7.4535	1.6117	1.6055			
114100 Fishing	1.0000	0.0000	0.0000	0.0000	0.0000			
114200 Hunting and trapping	1,4494	0.2046	11.5192	2.0045	1.6010			
115000 Agriculture and forestry support activities	1.4421	0.4678	20.1012	1.3269	1.1893			
211000 Oil and gas extraction	1.0000	0.0000	0.0000	0.0000	0.0000			
212100 Coal mining	1.0000	0.0000	0.0000	0.0000	0.0000			
212210 Iron ore mining	1.0000	0.0000	0.0000	0.0000	0.0000			
212230 Copper, nickel, lead, and zinc mining	1.0000	0.0000	0.0000	0.0000	0.0000			
2122A0 Gold, silver, and other metal ore mining	1.4207	0.3467	7.6711	1.5203	1.5542			
212310 Stone mining and quarrying	1.4415	0.3653	7.0766	1.5334	1.6991			
212320 Sand, gravel, clay, and refractory mining	1.3651	0.3577	8.4775	1.4026	1.3958			
212390 Other nonmetallic mineral mining	1.4367	0.3090	6.5929	1.6413	1.7697			
213111 Drilling oil and gas wells	1.5549	0.3453	9.5909	2.1134	1.6595			
213112 Support activities for oil and gas operations	1.5665	0.4473	9.9939	1.8025	1.6512			
21311A Support activities for other mining	1.6066	0.4190	12.9112	2.0025	2.0261			
2211A0 Power generation and supply	1.2232	0.2425	3.9688	1.3761	1.9549			
221200 Natural gas distribution	1.1403	0.1602	2.9882	1.3265	1.5931			
221300 Water, sewage and other systems	1.4258	0.3568	8.8855	1.5611	1.7279			
230000 Construction	1.6493	0.5279	16.1880	1.5038	1.4545			
311111 Dog and cat food manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311119 Other animal food manufacturing	1.8967	0.2688	6.6654	2.8814	2.7599			
311211 Flour milling	1.5825	0.2391	6.3873	2.5623	2.3688			
311212 Rice milling	1.0000	.0.0000	0.0000	0.0000	0.0000			
311213 Malt manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311221 Wet corn milling	1.5560	0.2277	4.8650	2.4408	3.4628			
311222 Soybean processing	1 .664 1	0.2189	5.1381	2.3459	2.9357			
311223 Other oilseed processing	1.0000	0.0000	0.0000	0.0000	0.0000			

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises.

1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

2. Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry.

5. Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.

NOTE.-Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

^{3.} Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

	Multiplier							
INDUSTRY		Final Dem	and	Direct Effect				
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (doliars)	Employment/5/ (jobs)			
311225 Fats and oils refining and blending	1.0000	0.0000	0.0000	0.0000	0.0000			
311230 Breakfast cereal manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311310 Sugar manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311320 Confectionery manufacturing from cacao beans	1.4458	0.2245	6.6580	2.1152	1.9875			
311330 Confectionery manufacturing from purchased chocolate	1.4505	0.2344	6.9452	2.1278	1.7615			
311340 Nonchocolate confectionery manufacturing	1.4883	0.2744	6.8836	1.9371	1.7918			
311410 Frozen food manufacturing	1.6755	0.2847	7.2618	2.4776	2.4795			
311420 Fruit and vegetable canning and drying	1.6447	0.2648	6.9611	2.6001	2.5495			
311511 Fluid milk manufacturing	1.6631	0.2247	5.9848	2.3817	2.4989			
311512 Creamery butter manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311513 Cheese manufacturing	1.5996	0.2150	6.7558	2.3042	2.0097			
311514 Dry, condensed, and evaporated dairy products	1.4717	0.2002	4.8786	2.1455	2.3671			
311520 Ice cream and frozen dessert manufacturing	1.5664	0.2523	6.3198	2.2618	2.1643			
311611 Animal, except poultry, slaughtering	1.6645	0.2075	6.8254	2.2243	2.0053			
311612 Meat processed from carcasses	1.7205	0.2555	6.8797	2.4912	2.3596			
311613 Rendering and meat byproduct processing	1.6309	0.2437	6.0592	2.2462	2.2205			
311615 Poultry processing	2.4569	0.3849	11.1752	3.0618	2.3025			
311700 Seafood product preparation and packaging	1.0000	0.0000	0.0000	0.0000	0.0000			
31181A Bread and bakery product, except frozen, manufacturing	1.4873	0.3586	10.8116	1.5022	1.3703			
311813 Frozen cakes and other pastries manufacturing	1.7049	0.3400	9.2017	2.1518	1.8591			
311821 Cookie and cracker manufacturing	1.5266	0.2875	6.8732	1.9536	1.9089			
311822 Mixes and dough made from purchased flour	1.6464	0.2446	6.2442	2.4348	2.2679			
311823 Dry pasta manufacturing	1.7163	0.2630	6.2023	2.6587	2.7575			
311830 Tortilla manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311911 Roasted nuts and peanut butter manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311919 Other snack food manufacturing	1.5967	0.2674	6.2477	2.2996	2.4025			
311920 Coffee and tea manufacturing	1.8819	0.3193	9.3907	3.4229	4.0974			
311930 Flavoring syrup and concentrate manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000			
311941 Mayonnaise, dressing, and sauce manufacturing	1.6570	0.2478	6.1980	2.6563	2.4903			
311942 Spice and extract manufacturing	1.5706	0.2678	6.5078	2.3331	2.6455			
311990 All other food manufacturing	1.7371	0.3052	8.7036	2.2927	2.0911			
312110 Soft drink and ice manufacturing	1.5507	0.2137	4.5781	2.6036	3.0872			
312120 Breweries	1.4186	0.1860	3.4682	2.2882	3.5257			
312130 Wineries	1.0000	0.0000	0.0000	0.0000	0.0000			
312140 Distilleries	1.0000	0.0000	0.0000	0.0000	0.0000			
312210 Tobacco stemming and redrying	1.0000	0.0000	0.0000	0.0000	0.0000			
312221 Cigarette manufacturing	1.3542	0.1975	3.1548	2.4293	4.1499			
312229 Other tobacco product manufacturing	1.2949	0.1723	3.7422	2.1193	2.1100			
313100 Fiber, yarn, and thread mills	1.9417	0.3481	9.3005	2.4672	2.1230			
313210 Broadwoven fabric mills	1.9656	0.3950	10.2292	2.1926	2.0793			
313220 Narrow fabric mills and schiffli embroidery	1.7978	0.4516	12.9019	1.7277	1.5368			

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McDowell, NC; McBowell, NC; McB *Includes Government enterprises.

1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

2. Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry. 3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. delivered to final demand should be in 2004 dollars.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of Each entry in column a represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.
 Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

the entry.

NOTE .- Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

	Multiplier						
INDUSTRY		Final Dema	Direct Effect				
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
313230 Nonwoven fabric milis	1.8923	0.3413	7.6017	2.2750	2.4299		
313240 Knit fabric mills	2.0639	0.4015	10.7378	2.3081	2.1247		
313310 Textile and fabric finishing mills	2.1775	0.4112	11.2842	2.7139	2.4063		
313320 Fabric coating mills	1.8329	0.3531	8.9158	2.1414	2.0844		
314110 Carpet and rug mills	2.0760	0.3387	8.9184	2.9808	2.6056		
314120 Curtain and linen mills	1.9617	0.3726	11.1550	2.3268	1.9564		
314910 Textile bag and canvas milis	1.8496	0.4614	14.8880	1.7499	1.5098		
314992 Tire cord and tire fabric milis	1.9833	0.3478	7.6338	2.4921	2.5729		
31499A Other miscelianeous textile product mills	1.7977	0.4053	12.0658	1.8469	1.6305		
315111 Sheer hosiery mills	2.0345	0.4355	9.6160	2.1349	2.3644		
315119 Other hosiery and sock mills	2.0499	0.4509	13.2190	2.1341	1.8142		
315190 Other apparel knitting mills	2.1389	0.4337	12.8961	2.2455	1.9661		
315200 Cut and sew apparel manufacturing	2.0020	0.4003	12.3546	2.3544	2.0241		
315900 Accessories and other apparel manufacturing	1.7952	0.4060	13.9934	1.8810	1.5605		
316100 Leather and hide tanning and finishing	1.5812	0.2354	6.3939	2.0185	1.9350		
316200 Footwear manufacturing	1.7211	0.3774	11.8443	1.9668	1.5973		
316900 Other leather product manufacturing	1.5084	0.3137	9.9658	1.6827	1.4330		
321113 Sawmills	1.8987	0.3075	8.8599	2.4606	2.3750		
321114 Wood preservation	1.9396	0.2930	8.2064	3.1647	2.8944		
32121A Veneer and plywood manufacturing	1.9875	0.3669	10.5086	2.2683	2.1342		
32121B Engineered wood member and truss manufacturing	1.6827	0.3435	10.2919	1.8256	1.6756		
321219 Reconstituted wood product manufacturing	1.7982	0.3115	7.5788	2.1397	2.2207		
321911 Wood windows and door manufacturing	1.8075	0.3772	10.8996	1.9568	1.8186		
321912 Cut stock, resawing lumber, and planing	1.7995	0.3202	10.0934	2.1867	1.8733		
321918 Other millwork, including flooring	1.8100	0.3671	10.7148	1.9872	1.8323		
321920 Wood container and pallet manufacturing	1.7078	0.3655	12.5434	1.7700	1.5230		
321991 Manufactured home, mobile home, manufacturing	1.7554	0.3404	9.5651	2.0095	1.8327		
321992 Prefabricated wood building manufacturing	1.8264	0.3779	10.5788	2.0348	1.9279		
321999 Miscellaneous wood product manufacturing	1.6934	0.3913	11.9084	1.7264	1.5671		
322110 Pulp mills	1.8142	0.3463	6.6060	2.1755	3.6943		
3221A0 Paper and paperboard mills	1.6566	0.2867	5.7226	2.1923	2.9524		
322210 Paperboard container manufacturing	1.5753	0.3114	6.5390	1.8262	1.9066		
32222A Coated and laminated paper and packaging materials	1.7041	0.2951	6.1516	2.3220	2.7054		
32222B Coated and uncoated paper bag manufacturing	1.6983	0.3410	7.8991	2.0602	1.9774		
322225 Flexible packaging foil manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
322226 Surface-coated paperboard manufacturing	1.8162	0.3006	6.2650	2.8303	3.4803		
322231 Die-cut paper office supplies manufacturing	1.6987	0.3381	7.8333	2.1376	2.0490		
322232 Envelope manufacturing	1.7145	0.4028	9.3301	1.8479	1.7865		
322233 Stationery and related product manufacturing	1.6390	0.2844	6.3253	2.2981	2.3434		
322291 Sanitary paper product manufacturing	1.7933	0.2779	5.7308	2.8455	3.7552		
322299 All other converted paper product manufacturing	1.5909	0.3336	7.4804	1.8863	1.8828		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of

output delivered to final demand by the industry corresponding to the entry.

3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry.
 Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

the entry.

NOTE .-- Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries. SOURCE.-Regional Input-Output Modeling System (RIMS II), Regional Economic Analysis Division, Bureau of Economic Analysis.

	Multiplier						
INDUSTRY		Final Dem	and	Direct Effect			
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
32311A Commercial printing	1.6008	0.4222	10.3634	1.5798	1.5390		
323116 Manifold business forms printing	1.5507	0.3131	7.5746	1.7393	1.7298		
323117 Books printing	1.4934	.0.4017	10.0634	1.4704	1.4262		
323118 Blankbook and looseleaf binder manufacturing	1.6655	0.3696	11.3963	1.8005	1.5569		
323121 Tradebinding and related work	1.4487	0.5069	18.5420	1.3215	1.1929		
323122 Prepress services	1.3977	0.5247	10.1392	1.3051	1.3958		
324110 Petroleum refineries	1.0000	0.0000	0.0000	0.0000	0.0000		
324121 Asphalt paving mixture and block manufacturing	1.5113	0.2817	5.2943	2.1758	2.9215		
324122 Asphalt shingle and coating materials manufacturing	1.5614	0.4130	6.6916	1.5890	2.1479		
324191 Petroleum lubricating oil and grease manufacturing	1.5260	0.3334	6.2508	1.7948	2.1506		
324199 All other petroleum and coal products manufacturing	1.2807	0.3171	5.7247	1.3763	1.5567		
325110 Petrochemical manufacturing	1.5109	0.2362	4.2539	2.5169	4.4796		
325120 Industrial gas manufacturing	1.4681	0.2599	4.6864	2.1140	2.6372		
325130 Synthetic dye and pigment manufacturing	1.5768	0.3006	5.2929	2.1696	2.8792		
325180 Other basic inorganic chemical manufacturing	1.5770	0.3012	5.3203	2.1891	3.0446		
325190 Other basic organic chemical manufacturing	1.6189	0.2651	5.0709	2.6303	3.7939		
325211 Plastics material and resin manufacturing	1.5799	0.2366	4.5413	2.5215	3.3743		
325212 Synthetic rubber manufacturing	1.5030	0.2503	5.7242	2.1711	. 2.0811		
325221 Cellulosic organic fiber manufacturing	1.5870	0.3372	6.2324	1.9173	2.2973		
325222 Noncellulosic organic fiber manufacturing	1.6772	0.3135	5.9191	2.3463	2.8610		
325311 Nitrogenous fertilizer manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
325312 Phosphatic fertilizer manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
325314 Fertilizer, mixing only, manufacturing	1.5257	0.2332	5.6511	2.4849	2.2659		
325320 Pesticide and other agricultural chemical manufacturing	1.4598	0.2154	3.9144	2.2958	3.5169		
325400 Pharmaceutical and medicine manufacturing	1.5573	0.2737	4.5242	2.1878	3.2068		
325510 Paint and coating manufacturing	1.6930	0.2887	5.5598	2.3117	2.7536		
325520 Adhesive manufacturing	1.6469	0.2913	5.9688	2.2395	2.5202		
325611 Soap and other detergent manufacturing	1.6383	0.2562	4.9043	2.7303	3.7945		
325612 Polish and other sanitation good manufacturing	1.5581	0.2524	5.1825	2.4044	2.7860		
325613 Surface active agent manufacturing	1.7414	0.2858	5.3750	2.5863	3.3931		
325620 Toilet preparation manufacturing	1.5144	0.2345	5.3383	2.3642	2.4349		
325910 Printing Ink manufacturing	1.7582	0.3195	6.2342	2.3378	2.6336		
325920 Explosives manufacturing	1.3318	0.3596	7.1996	1.3315	1.4504		
325991 Custom compounding of purchased resins	1.8583	0.3223	7.1507	2.3023	2.3043		
325992 Photographic film and chemical manufacturing	1.4954	0.2878	5.4712	1.8070	2.2378		
325998 Other miscellaneous chemical product manufacturing	1.6599	0.3024	5.4874	2.3117	3.2833		
326110 Plastics packaging materials, film and sheet	1.8285	0.3174	6.6845	2.2600	2.4599		
326120 Plastics pipe, fittings, and profile shapes	1.8618	0.3284	7.6135	2.2714	2.1679		
326130 Laminated plastics plate, sheet, and shapes	1.7408	0.3442	7.4623	2.0587	2.1705		
3261AU Foam product manufacturing	1.7470	0.3092	7.9837	2.1330	1.9199		
326160 Plastics bottle manufacturing	1.8228	0.3130	7.2685	2.1983	2.1899		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McCherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises. 1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

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output delivered to final demand by the industry corresponding to the entry. 3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

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the entry.

NOTE.-Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

	Muttiplier						
INDUSTRY		Final Dema	and	Direct Effect			
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
326192 Resilient floor covering manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
32619A Plastics plumbing fixtures and all other plastics products	1.7207	0.3643	9.2351	1.7918	1.6699		
326210 Tire manufacturing	1.7101	0.3398	6.9773	1.9235	2.2144		
326220 Rubber and plastics hose and belting manufacturing	1.6667	0.3369	8.4550	1.9025	1.8244		
326290 Other rubber product manufacturing	1:6515	0.3551	8.8540	1.7913	1.7341		
327111 Vitreous china plumbing fixture manufacturing	1.4657	0.3971	9.2806	1.4730	1.4720		
327112 Vitreous china and earthenware articles manufacturing	1.4982	0.4579	13.1050	1.4585	1.3402		
327113 Porcelain electrical supply manufacturing	1.5965	0.4466	10.3705	1.6023	1.6615		
327121 Brick and structural clay tile manufacturing	1.5069	0.4069	9.3359	1.5198	1.5567		
327122 Ceramic wall and floor tile manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
32712A Clay refractory and other structural clay products	1.6443	0.3664	8.0029	1.8716	2.1389		
327125 Nonclay refractory manufacturing	1.5314	0.3481	8.1035	1. 6 910	1.7613		
327213 Glass container manufacturing	1.5980	0.3579	7.1626	1.7348	2.0107		
32721A Glass and glass products, except glass containers	1.5952	0.3526	7.9269	1.7599	1.8218		
327310 Cement manufacturing	1.4464	0.2345	4.5223	1.9931	2.5756		
327320 Ready-mix concrete manufacturing	1.5238	0.3209	7.5841	1.7888	1.8509		
327331 Concrete block and brick manufacturing	1.5354	0.3765	8.4555	1.6476	1.7640		
327332 Concrete pipe manufacturing	1.5591	0.3779	9.3924	1.6460	1.6427		
327390 Other concrete product manufacturing	1.5564	0.4138	9.8860	1.5728	1.5772		
327410 Lime manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
327420 Gypsum product manufacturing	1.5517	0.2568	5.3604	2.1597	2.6430		
327910 Abrasive product manufacturing	1.5020	0.3026	8.0821	1.7436	1.6648		
327991 Cut stone and stone product manufacturing	1.6297	0.4659	13.2511	1.6042	1.4661		
327992 Ground or treated minerals and earths manufacturing	1.3070	0.2402	5.9231	1.5394	1.5540		
327993 Mineral wool manufacturing	1.5218	0.3200	6.8074	1.6758	1.8386		
327999 Miscellaneous nonmetallic mineral products	1.4808	0.3159	7.8751	1.6556	1.6251		
331111 Iron and steel mills	1.5533	0.2705	5.2010	2.1423	3.0299		
331112 Ferroalloy and related product manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
331210 Iron, steel pipe and tube from purchased steel	1.5370	0.2571	6.3152	1.9659	1.8467		
331221 Rolled steel shape manufacturing	1.7065	0.2606	5.8570	2.6894	2.8450		
331222 Steel wire drawing	1.5851	0.2855	6.7488	1.9492	1.9006		
331311 Alumina refining	1.0000	0.0000	0.0000	0.0000	0.0000		
331312 Primary aluminum production	1.0000	0.0000	0.0000	0.0000	0.0000		
331314 Secondary smelting and alloying of aluminum	1.0000	0.0000	0.0000	0.0000	0.0000		
331315 Aluminum sheet, plate, and foil manufacturing	1.3370	0.1858	3.8671	2.0796	2.6794		
331316 Aluminum extruded product manufacturing	1.2946	0.2346	5.6261	1.5837	1.5925		
331319 Other aluminum rolling and drawing	1.2459	0.1570	3.6054	1.7567	1.8499		
331411 Primary smelting and refining of copper	1.0000	0.0000	0.0000	0.0000	0.0000		
331419 Primary nonferrous metal, except copper and aluminum	1.4082	0.2241	4.5176	1.9747	2.4099		
331421 Copper rolling, drawing, and extruding	1.3443	0.1946	4.7960	1.9223	1.9245		
331422 Copper wire, except mechanical, drawing	1.7027	0.2891	6.0497	2.3239	2.7939		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises.

1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

2. Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of

Each only in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

the entry. NOTE.--Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

	Multiplier						
INDUSTRY		Final Dem	and	Direct Effect			
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
331423 Secondary processing of copper	1.0000	0.0000	0.0000	0.0000	0.0000		
331491 Nonferrous metal, except copper and aluminum, shaping	1.4721	0.2531	5.1498	1.9077	2.2778		
331492 Secondary processing of other nonferrous	1.0000	0.0000	0.0000	0.0000	0.0000		
331510 Ferrous metal foundries	1.4636	0.3954	7.9581	1.5084	1.6585		
33152A Aluminum foundries	1.4619	0.3743	9.0639	1.5401	1.5285		
33152B Nonferrous foundries, except aluminum	1.5275	0.3912	9.4036	1.5762	1.5700		
332111 Iron and steel forging	1.5535	0.3409	7.4623	1.6597	1.7375		
332112 Nonferrous forging	1.3600	0.2844	6.1853	1.4720	1.5375		
332114 Custom roll forming	1.0000	0.0000	0.0000	0.0000	0.0000		
33211A All other forging and stamping	1.5605	0.3880	9.2278	1.5646	1.5596		
332211 Cutiery and flatware, except precious, manufacturing	1.4692	0.2839	6.6044	1.7700	1.7999		
332212 Hand and edge tool manufacturing	1.5149	0.3950	9.1386	1.5290	1.5454		
332213 Saw blade and handsaw manufacturing	1.4867	0.3530	9.5300	1.5499	1.4662		
332214 Kitchen utensil, pot, and pan manufacturing	1.5700	0.3253	7.3032	1.8843	2.0758		
332311 Prefabricated metal buildings and components	1.7039	0.3571	7.8050	1.8829	2.0152		
332312 Fabricated structural metal manufacturing	1.5805	0.3292	7.8049	1.7374	1.7460		
332313 Piate work manufacturing	1.4874	0.4014	9.1731	1.4428	1.4627		
332321 Metal window and door manufacturing	1.4819	0.3157	8.8473	1.6261	1.4872		
332322 Sheet metal work manufacturing	1.4599	0.3713	9.7559	1.4555	1.3924		
332323 Ornamental and architectural metal work manufacturing	1.5203	0.3716	10.0008	1.5334	1.4379		
332410 Power boiler and heat exchanger manufacturing	1.4687	0.3653	8.9804	1.4851	1.4638		
332420 Metal tank, heavy gauge, manufacturing	1.5500	0.3748	9.2202	1.5773	1.5487		
332430 Metal can, box, and other container manufacturing	1.5579	0.2427	5.2031	2.1319	2.4333		
33299A Ammunition manufacturing	1.5161	0.3857	10.5948	1.5654	1.4709		
332994 Small arms manufacturing	1.4058	0.3508	7.6677	1.4881	1.5577		
332995 Other ordnance and accessories manufacturing	1.2966	0.3865	12.1348	1.2771	1.1814		
332500 Hardware manufacturing	1.5416	0.3491	9.1899	1.6458	1.5535		
332600 Spring and wire product manufacturing	1.5669	0.3678	8.8467	1.5923	1.5863		
332710 Machine shops	1.5265	0.5096	12.8217	1.4590	1.4047		
332720 Turned product and screw, nut, and bolt manufacturing	1.4847	0.4081	9.4307	1.4625	1.5045		
332811 Metal heat treating	1.4656	0.3507	7.8657	1.5515	1.5840		
332812 Metal coating and nonprecious engraving	1.5839	0.3239	8.1460	1.7052	1.6141		
332813 Electroplating, anodizing, and coloring metal	1.4901	0.4741	12.8979	1.3786	1.3184		
332910 Metal valve manufacturing	1.4967	0.3304	8.0214	1.6488	1.6369		
332991 Ball and roller bearing manufacturing	1.5736	0.3878	8.5602	1.7398	1.7770		
332996 Fabricated pipe and pipe fitting manufacturing	1.5308	0.3431	8.4918	1.6195	1.5789		
332997 Industrial pattern manufacturing	1.3962	0.5509	16.3675	1.2992	1.2153		
332998 Enameled iron and metal sanitary ware manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000		
332999 Miscellaneous fabricated metal product manufacturing	1.5289	0.3592	9.1217	1.6058	1.5576		
333111 Farm machinery and equipment manufacturing	1.6243	0.3105	6.7131	2.1189	2.2717		
333112 Lawn and garden equipment manufacturing	1.6717	0.2722	6.5167	2.6590	2.5169		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McCherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

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delivered to final demand should be in 2004 dollars. 4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry. 5. Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

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NOTE.--Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

	Multiplier					
INDUSTRY		Final Dema	and	Dire	ct Effect	
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)	
333120 Construction machinery manufacturing	1.7266	0.3276	6.8233	2.3279	2.6783	
333131 Mining machinery and equipment manufacturing	1.6206	0.3448	7.4909	1.9125	1.9956	
333132 Oil and gas field machinery and equipment	1.0000	0.0000	0.0000	0.0000	0.0000	
333210 Sawmill and woodworking machinery	1.6187	0.4098	9.4196	1.7154	1.7220	
333220 Plastics and rubber industry machinery	1.5318	0.3546	8.0817	1.7026	1.7151	
333291 Paper industry machinery manufacturing	1.6603	0.4100	7.7808	1.7972	2.0841	
333292 Textile machinery manufacturing	1.5861	0.4180	9.1212	1.6350	1.6956	
333293 Printing machinery and equipment manufacturing	1.5642	0.4062	8.0208	1.6560	1.8592	
333294 Food product machinery manufacturing	1.5662	0.4028	8.0625	1.6414	1.8225	
333295 Semiconductor machinery manufacturing	1.6234	0.3252	6.1682	2.1675	2.9492	
333298 All other industrial machinery manufacturing	1.6400	0.4111	8.3146	1.7204	1.9234	
33331A Automatic vending, commercial laundry and drycleaning machinery	1.7102	0.3611	8.9381	1.9896	1.8481	
333313 Office machinery manufacturing	1.6227	0.3103	7.1634	2.1192	2.1227	
333314 Optical instrument and lens manufacturing	1.5725	0.4122	8.9557	1.6126	1.6775	
333315 Photographic and photocopying equipment manufacturing	1.6384	0.3056	7.6894	2.2003	2.0490	
333319 Other commercial and service industry machinery manufacturing	1.7355	0.4010	8.5718	1.8736	1.9803	
333411 Air purification equipment manufacturing	1.5766	0.3701	9.3807	1.7034	1.5926	
333412 Industrial and commercial fan and blower manufacturing	1.5917	0.3817	8.6256	1.6901	1.7003	
333414 Heating equipment, except warm air furnaces	1.4586	0.3209	7.8924	1.5957	1.5563	
333415 AC, refrigeration, and forced air heating	1.7658	0.3576	8.2622	2.2107	2.2534	
333511 Industrial mold manufacturing	1.4868	0.5411	11.4883	1.3577	1.4061	
333512 Metal cutting machine tool manufacturing	1.6172	0.4209	8.4318	1.7370	1.9130	
333513 Metal forming machine tool manufacturing	1.5131	0.4158	9.3631	1.5526	1.5518	
333514 Special tool, die, jig, and fixture manufacturing	1.4962	0.5304	11.8911	1.3985	1.4007	
333515 Cutting tool and machine tool accessory manufacturing	1.4875	0.4503	9.6285	1.4778	1.5191	
33351A Rolling mill and other metalworking machinery	1.5330	0.3982	8.8707	1.6185	1.6317	
333611 Turbine and turbine generator set units manufacturing	1.5860	0.3154	5.4732	1.9626	2.8359	
33361A Speed changers and mechanical power transmission equipment	1.5554	0.3920	7.7535	1.6327	1.7849	
333618 Other engine equipment manufacturing	1.7446	0.3174	6.3618	2.5355	3.1681	
333911 Pump and pumping equipment manufacturing	1.6518	0.3832	7.2535	1.8297	2.2289	
333912 Air and gas compressor manufacturing	1.6283	0.3428	6.2952	1.9538	2.5591	
333913 Measuring and dispensing pump manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
333921 Elevator and moving stairway manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
333922 Conveyor and conveying equipment manufacturing	1.5981	0.4075	8.8886	1.6443	1.6918	
333923 Overhead cranes, hoists, and monorall systems	1.6504	0.3472	7.2619	1.9523	2.1470	
333924 Industrial truck, trailer, and stacker manufacturing	1.7848	0.3717	7.8991	2.2400	2.4419	
333991 Power-driven handtool manufacturing	1.5693	0.3034	6.9745	2.0205	2.1298	
333992 Welding and soldering equipment manufacturing	1.5836	0.3532	7.3098	1.7394	1.8776	
333993 Packaging machinery manufacturing	1.5474	0.4170	7.7182	1.5844	1.7858	
333994 Industrial process furnace and oven manufacturing	1.4584	0.3585	7.6354	1.5683	1.6253	
333995 Fluid power cylinder and actuator manufacturing	1.5075	0.3944	9.0408	1.5705	1.5823	

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McChevel, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

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NOTE.--Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

	Multipller					
INDUSTRY		Final Dem	and	Dire	ct Effect	
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)	
333996 Fluid power pump and motor manufacturing	1.6132	0.4029	7.8501	1.7755	2.0159	
33399A Scales, balances, and miscellaneous general purpose machinery	1.5641	0.3967	8.0268	1.6396	1.8038	
334111 Electronic computer manufacturing	1.5089	0.2409	4.3471	2.5548	4.2015	
334112 Computer storage device manufacturing	1.3627	0.2517	5.3552	1.7776	1.8599	
334113 Computer terminal manufacturing	1.6134	0.3423	5.5463	1.9435	3.1191	
334119 Other computer peripheral equipment manufacturing	1.6481	0.3662	6.2036	1.9580	2.8042	
334210 Telephone apparatus manufacturing	1.4089	0.2531	3.9048	1.7894	2.8656	
334220 Broadcast and wireless communications equipment	1.3964	0.2972	4.9791	1.5926	1.9891	
334290 Other communications equipment manufacturing	1.5022	0.3690	8.3380	1.6414	1.6657	
334300 Audio and video equipment manufacturing	1.8471	0.3327	7.4254	2.8190	2.9656	
334411 Electron tube manufacturing	1.6703	0.3739	7.5672	1.9268	2.2130	
334413 Semiconductors and related device manufacturing	1.3118	0.2265	3.7445	1.7245	2.4718	
33441A All other electronic component manufacturing	1.5000	0.3465	7.3423	1.6751	1.7774	
334510 Electromedical apparatus manufacturing	1.5258	0.3836	8.3025	1.6133	1.6822	
334511 Search, detection, and navigation instruments	1.0000	0.0000	0.0000	0.0000	0.0000	
334512 Automatic environmental control manufacturing	1.5084	0.3825	9.0545	1.6186	1.5786	
334513 Industrial process variable instruments	1.4978	0.4121	7.5131	1.5617	2.0001	
334514 Totalizing fluid meters and counting devices	1.7110	0.3634	8.0811	1.9712	2.0109	
334515 Electricity and signal testing instruments	1.3480	0.3252	5.8469	1.4676	1.7039	
334516 Analytical laboratory instrument manufacturing	1.5916	0.4381	8.7085	1.6514	2.2503	
334517 Irradiation apparatus manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
33451A Watch, clock, and other measuring and controlling device manufacturing	1.5155	0.4165	8.8270	1.5528	1.6110	
334611 Software reproducing	1.3433	0.3322	4.1994	1.3174	1.9024	
334612 Audio and video media reproduction	1.4899	0.3265	7.4351	1.6167	1.6687	
334613 Magnetic and optical recording media manufacturing	1.8114	0.3886	10.6428	2.1879	2.2489	
335110 Electric lamp bulb and part manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335120 Lighting fixture manufacturing	1.6405	0.3505	7.7899	2.0078	2.1210	
335211 Electric housewares and household fan manufacturing	1.7330	0.3169	7.5765	2.4474	2.3525	
335212 Household vacuum cleaner manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335221 Household cooking appliance manufacturing	1.0000	0.0000	. 0.0000	0.0000	0.0000	
335222 Household refrigerator and home freezer manufacturing	1.8801	0.3752	9.2162	2.3347	2.1885	
335224 Household laundry equipment manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335228 Other major household appliance manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335311 Electric power and specialty transformer manufacturing	1.6415	0.3415	6.4545	2.0053	2.5784	
335312 Motor and generator manufacturing	1.6182	0.3436	7.6793	1.9203	1.9542	
335313 Switchgear and switchboard apparatus manufacturing	1.5103	0.3310	6.7340	1.7392	1.8920	
335314 Relay and industrial control manufacturing	1.7015	0.4033	7,7668	1.8836	2.1989	
335911 Storage battery manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335912 Primary battery manufacturing	1.6197	0.2753	5.9205	2.3731	2.6997	
335921 Fiber optic cable manufacturing	1.7749	0.3142	6.4199	2:4420	3.1632	

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McDowell, NC; McCherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises. 1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to

final demand by the industry corresponding to the entry. 2. Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry. 3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output

delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.

the entry.

NOTE .- Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries. SOURCE.-Regional Input-Output Modeling System (RIMS II), Regional Economic Analysis Division, Bureau of Economic Analysis.

	Multiplier					
INDUSTRY		Final Dem	and	Direct Effect		
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)	
335929 Other communication and energy wire manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
335930 Wiring device manufacturing	1.5186	0.3401	7.1970	1.7223	1.8203	
335991 Carbon and graphite product manufacturing	1.4095	0.2889	5.9593	1.6509	1.8315	
335999 Miscellaneous electrical equipment manufacturing	1.6220	0.3834	8.5221	1.8082	1.8351	
336110 Automobile and light truck manufacturing	2.0591	0.3337	6.8973	3.7498	6.3829	
336120 Heavy duty truck manufacturing	1.8649	0.2894	5.6775	3.2525	4.6474	
336211 Motor vehicle body manufacturing	1.9655	0.3705	8.0412	2.6866	3.1024	
336212 Truck trailer manufacturing	1.8345	0.3486	7.6379	2.3023	2.5044	
336213 Motor home manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
336214 Travel trailer and camper manufacturing	1.7884	0.3612	7.8903	2.0545	2.2374	
336300 Motor vehicle parts manufacturing	1.7448	0.3624	7.3889	2.1000	2.4629	
336411 Aircraft manufacturing	1.5294	0.3264	6.0076	1.7620	2.1373	
336412 Aircraft engine and engine parts manufacturing	1.4502	0.3039	4.9753	1.6792	2.2248	
336413 Other aircraft parts and equipment	1.5348	0.4237	7.3943	1.5715	1.9315	
336414 Guided missile and space vehicle manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
33641A Propulsion units and parts for space vehicles and guided missiles	1.0000	0.0000	0.0000	0.0000	0.0000	
336500 Railroad rolling stock manufacturing	1.7895	0.3496	7.0304	2.3108	2.6823	
336611 Ship building and repairing	1.5954	0.4536	9.7104	1.4987	1.5721	
336612 Boat building	1.5286	0.3076	7.2303	1.7124	1.7481	
336991 Motorcycle, bicycle, and parts manufacturing	1.6843	0.3525	9.7480	2.0878	1.7560	
336992 Military armored vehicles and tank parts manufacturing	1.0000	0.0000	0.0000	0.0000	0.0000	
336999 All other transportation equipment manufacturing	1.6082	0.2626	5.6049	2.4153	2.7154	
337110 Wood kitchen cabinet and countertop manufacturing	1.6965	.0.3888	11.8774	1.7055	1.5478	
337121 Uphoistered household furniture manufacturing	2.0256	0.4509	13.0805	2.0875	1.8911	
337122 Nonupholstered wood household furniture manufacturing	1.7273	0.3957	12.2551	1.7843	1.5702	
337124 Metal household furniture manufacturing	1.6148	0.3453	10.6645	1.7758	1.5371	
337127 Institutional furniture manufacturing	1.5787	0.3528	11.1876	1.6852	1.4733	
33712A Other household and institutional furniture	1.7701	0.3753	10.1557	1.8501	1.6934	
337211 Wood office furniture manufacturing	1.7152	0.3981	10.4824	1.7605	1.7161	
337212 Custom architectural woodwork and miliwork	1.5220	0.4279	11.9282	1.4281	1.3690	
337214 Office furniture, except wood, manufacturing	1.6444	0.3352	9.5496	1.8652	1.6914	
337215 Showcases, partitions, shelving, and lockers	1.5881	0.3804	11.6288	1.5869	1.4271	
337910 Mattress manufacturing	1.9189	0.3560	8.9631	2.5260	2.5654	
337920 Blind and shade manufacturing	1.6570	0.3313	8.7256	1.9157	1.8160	
339111 Laboratory apparatus and furniture manufacturing	1.6687	0.4790	9.0186	1.6214	1.9013	
339112 Surgical and medical instrument manufacturing	1.5085	0.3738	6.8116	1.6064	1.9511	
339113 Surgical appliance and supplies manufacturing	1.5360	0.3489	7.1459	1.6890	1.8589	
339114 Dental equipment and supplies manufacturing	1.4707	0.3797	7.3679	1.5633	1.7086	
339115 Ophthalmic goods manufacturing	1.5193	0.3864	10.2028	1.6142	1.5127	
339116 Dental laboratories	1.4723	0.4746	10.4852	1.3762	1.4004	
339910 Jewelry and silverware manufacturing	1.4496	0.3157	7.6353	1.6965	1.7198	

(Continued)

Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McKlenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises.

1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to

Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output

delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry.
 Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

the entry.

NOTE.-Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries. SOURCE.–Regional Input-Output Modeling System (RIMS II), Regional Economic Analysis Division, Bureau of Economic Analysis.

	Multiplier						
INDUSTRY		Final Dema	and	Direct Effect			
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
339920 Sporting and athletic goods manufacturing	1.7662	0.3775	9.4258	2.0808	2.0946		
339930 Doll, toy, and game manufacturing	1.6422	0.3393	10.1620	1.8412	1.5944		
339940 Office supplies, except paper, manufacturing	1.5384	0.3209	7.0881	1.7235	1.8120		
339950 Sign manufacturing	1.7621	0.4851	11.1581	1.6075	1.6649		
339991 Gasket, packing, and sealing device manufacturing	1.5384	0.3857	7.9737	·1.5075	1.6244		
339992 Musical instrument manufacturing	1.6073	0.4418	10.7397	1.6062	1.6057		
339994 Broom, brush, and mop manufacturing	1.6976	0.3862	8.3606	1.7600	1.9330		
339995 Burial casket manufacturing	1.4142	0.2702	6.2879	1.6137	1.6662		
33999A Buttons, pins, and all other miscellaneous manufacturing	1.6831	0.3941	8.8671	1.7361	1.8357		
420000 Wholesale trade	1.4035	0.4266	9.7815	1.4086	1.5601		
4A0000 Retali trade	1.4736	0.4648	18.8182	1.4518	1.2549		
481000 Air transportation	1.5152	0.4026	10.3562	1.6826	2.1506		
482000 Rail transportation	1.4915	0.3764	7.2056	1.5826	2.0130		
483000 Water transportation	1.7264	0.3767	8.2307	2.6221	3.7311		
484000 Truck transportation	1.6312	0.4148	11.5734	1.7520	1.7031		
485A00 Transit and ground passenger transportation	1.5112	0.5345	28.7483	1.3844	1.1580		
486000 Pipeline transportation	1.5634	0.3507	7.8103	2.0598	3.3374		
48A000 Scenic and sightseeing transportation and support activities for transportation	1.5512	0.5272	12.8743	1.4918	1.5689		
492000 Couriers and messengers	1.3530	0.4595	16.8662	1.2850	1.2280		
493000 Warehousing and storage	1.3249	0.5167	16.4103	1.1911	1.1931		
511110 Newspaper publishers	1.3539	0.4602	11.7763	1.2928	1.2636		
511120 Periodical publishers	1.4513	0.3717	7.9251	1.5016	1.6094		
511130 Book publishers	1.3358	0.2949	6.4609	1.4853	1.6085		
5111A0 Database, directory, and other publishers	1.3842	0.3100	6.7991	1.5103	1.6079		
511200 Software publishers	1.3186	0.4491	7.1826	1.2852	1.8426		
512100 Motion picture and video industries	1.3821	0.3643	7.8274	1.4089	1.5871		
512200 Sound recording industries	1.3808	0.2498	6.9544	1.7402	1.7886		
513100 Radio and television broadcasting	1.5902	0.4596	8.9996	1.6540	2.1701		
513200 Cable networks and program distribution	1.5082	0.3406	7.1931	1.6036	1.7895		
513300 Telecommunications	1.4396	0.3302	6.9003	1.5778	1.8574		
514100 Information services	1.4049	0.6448	16.6816	1.2260	1.2851		
514200 Data processing services	1.3335	0.5683	10.0208	1.2269	1.4991		
52A000 Monetary authorities and depository credit intermediation	1.3033	0.3129	7.2292	1.4437	1.6559		
522A00 Nondepository credit intermediation and related activities	1.3629	0.3349	7.5961	1.5369	1.8761		
523000 Securities, commodity contracts, investments	1.4481	0.6349	13.6396	1.3417	1.4465		
524100 insurance carriers	1.6414	0.4349	9.7556	1.8092	1.9471		
524200 Insurance agencies, brokerages, and related	1.2578	0.3974	9.7718	1.2490	1.2867		
525000 Funds, trusts, and other financial vehicles	1.9878	0.5210	11.2907	4.5187	4.5827		
531000 Real estate	1.3444	0.1948	8.1300	1.9625	1.6965		
S00800 Owner-occupied dwellings	1.2218	0.0565	1.6567	0.0000	0.0000		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutheford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

*Includes Government enterprises.

1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.

2. Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of

2. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry. 5. Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to

Note entry. NOTE,-Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the

	Multiplier						
INDUSTRY		Final Dema	and	Dire	ct Effect		
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
532100 Automotive equipment rental and leasing	1.3563	0.2515	7.7839	1.7055	1.7056		
532A00 General and consumer goods rental except video tapes and discs	1.3382	0.3835	12.2853	1.3598	1.3605		
532230 Video tape and disc rental	1.3985	0.2971	19.3175	1.4573	1.1521		
532400 Machinery and equipment rental and leasing	1.2876	0.2625	6.5664	1.4813	1.7144		
533000 Lessors of nonfinancial intangible assets	1.0238	0.1009	1.0523	1.0789	1.2642		
541100 Legal services	1.2894	0.6221	11.9364	1.1694	1.3137		
541200 Accounting and bookkeeping services	1.2901	0.6129	23.0648	1.1719	1.1418		
541300 Architectural and engineering services	1.3184	0.5364	13.8948	1.2545	1.3529		
541400 Specialized design services	1.3779	0.5009	25.0274	1.3121	1.1841		
541511 Custom computer programming services	1.2665	0.6193	11.7134	1.1648	1.3536		
541512 Computer systems design services	1.3071	0.6357	13.0697	1.1957	1.3914		
54151A Other computer related services, including facilities management	1.3882	0.3996	9.7941	1.4571	1.7314		
541610 Management consulting services	1.3196	0.6094	17.4016	1.1982	1.2679		
5416A0 Environmental and other technical consulting services	1.2890	0.5037	15.1376	1.2277	1.2794		
541700 Scientific research and development services	1.3767	0.5620	11.0711	1.2466	1.4576		
541800 Advertising and related services	1.3392	0.4573	12.4841	1.2959	1.3779		
541920 Photographic services	1.3828	0.4746	12.1815	1.2965	1.3984		
541940 Veterinary services	1.5173	0.5419	13.3701	1.3533	1.4475		
5419A0 All other miscellaneous professional and technical services	1.2463	0.2509	4.8636	1.4727	2.2123		
550000 Management of companies and enterprises	1.3229	0.5715	8.9355	1.1912	1.3563		
561300 Employment services	1.1131	0.5540	31.2953	1.0789	1.0356		
561500 Travel arrangement and reservation services	1.5074	0.5266	18.0632	1.4553	1.3324		
561100 Office administrative services	1.3308	0.5511	13.6905	1.2623	1.4093		
561200 Facilities support services	1.2414	0.5210	20.3543	1.1863	1.1590		
561400 Business support services	1.3249	0.4320	18.5784	1.3100	1.2176		
561600 investigation and security services	1.2163	0.5851	29.8983	1.1393	1.0789		
561700 Services to buildings and dwellings	1.4715	0.4909	27.6327	1.4045	1.2052		
561900 Other support services	1.3495	0.3852	14.9041	1.3698	1.2773		
562000 Waste management and remediation services	1.4747	0.4133	10.5917	1.4807	1.5779		
611100 Elementary and secondary schools	1.4881	0.5791	29.6953	1.2670	1.1608		
611A00 Colleges, universities, and junior colleges	1.4635	0.5746	20.8910	1.2429	1.2258		
611B00 Other educational services	1.4225	0.4127	19.6048	1.4490	1.2724		
621A00 Offices of physicians, dentists, and other health practitioners	1.2880	0.6020	11.4860	1,1733	1.3137		
621600 Home health care services	1.3318	0.6210	29.0664	1.1984	1.1242		
621B00 Other ambulatory health care services	1.4888	0.5514	15.0909	1.3628	1.4377		
622000 Hospitais	1.4687	0.5528	14.7006	1.3238	1.3984		
623000 Nursing and residential care facilities	1.4039	0.6092	28.7892	1.2266	1.1786		
624400 Child day care services	1.4406	0.4616	33.4947	1.3334	1.1223		
624A00 Social assistance, except child day care services	1.5012	0.5713	30.8846	1.3208	1.1559		
711100 Performing arts companies	1.3533	0.4905	32.1198	1.2726	1.1299		
711200 Spectator sports	1.3811	0.6400	24.6163	1.2705	1.2657		

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Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; McCharler, NC; McDowell, NC; McCharler, NC; McDowell, NC; McCharler, NC; McCharler, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

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 Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output

delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of

earnings paid directly to households employed by the industry corresponding to the entry. 5. Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.

NOTE .-- Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries. SOURCE.-Regional Input-Output Modeling System (RIMS II), Regional Economic Analysis Division, Bureau of Economic Analysis.

		Multiplier					
INDUSTRY		Final Dema	and	Direct Effect			
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)		
711A00 Promoters of performing arts and sports and agents for public figures	1.3320	0.4313	35.0190	1.3126	1.1437		
711500 Independent artists, writers, and performers	1.5449	0.4970	17.5117	1.4901	1.8755		
712000 Museums, historical sites, zoos, and parks	1.5838	0.5287	16.7242	1.4475	1.5078		
713940 Fitness and recreational sports centers	1.4934	0.5247	35.5449	1.3220	1.1175		
713950 Bowling centers	1.4210	0.4879	31.9135	1.3036	1.1086		
713A00 Other amusement, gambling, and recreation industries	1.3656	0.4898	24.4653	1.2578	1.1355		
7211A0 Hotels and motels, including casino hotels	1.3285	0.4439	21.2897	1.2622	1.1403		
721A00 Other accommodations	1.4390	0.3447	15.3089	1.5255	1.2986		
722000 Food services and drinking places	1.4876	0.4908	34.4272	1.2958	1.1059		
8111A0 Automotive repair and maintenance, except car washes	1.6218	0.4400	17.1924	1.5607	1.3321		
811192 Car washes	1.3261	0.4015	33.1753	1.3159	1.0908		
811200 Electronic equipment repair and maintenance	1.3197	0.4925	15.8632	1.2185	1.1928		
811300 Commercial machinery repair and maintenance	1.3355	0.4476	15.9055	1.2542	1.1905		
811400 Household goods repair and maintenance	1.3161	0.3485	16.6918	1.3475	1.1966		
812100 Personal care services	1.3606	0.4590	26.8164	1.2793	1.1406		
812200 Death care services	1.3708	0.4113	16.2941	1.3427	1.2360		
812300 Drycleaning and laundry services	1.3849	0.4728	24.9870	1.2863	1.1447		
812900 Other personal services	1.4605	0.2611	11.1533	1.8689	1.4877		
813100 Religious organizations	1.2735	0.5855	27.4994	1.1171	1.0816		
813A00 Grantmaking and giving and social advocacy organizations	1.6061	0.5331	20.4578	1.5796	1.4828		
813B00 Civic, social, professional and similar organizations	1.5938	0.5409	25.5152	1.4391	1.2454		
491000 Postal service	1.2220	0.5666	10.8699	1.1214	1.2067		
S00A00 Other government enterprises	1.5518	0.3812	10.8505	1.6891	1.6577		
H00000 Households	0.0000	0.0000	0.0000	0.0000	0.0000		

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*Includes Government enterprises.

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delivered to final demand by the industry corresponding to the entry. Because the employment multipliers are based on 2004 data, the output delivered to final demand should be in 2004 dollars.

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NOTE.-Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix B identifies the industries corresponding to the entries.

INDUSTRY	Multiplier					
	Final Demand			Direct Effect		
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)	
1. Crop and animal production	1.5889	0.2618	8.7088	1.8015	1.5409	
2. Forestry, fishing, and related activities	1.4795	0.2826	10.6541	1.5681	1.4536	
3. Oil and gas extraction	1.0000	0.0000	0.0000	0.0000	0.0000	
4. Mining, except oil and gas	1.4277	0.3603	7.2868	1.5063	1.6070	
5. Support activities for mining	1.5763	0.4063	11.3142	1.9295	1.7128	
6. Utilities*	1.2171	0.2338	3.9065	1.3711	1.8782	
7. Construction	1.6516	0.5278	16.0485	1.5035	1.4420	
8. Wood product manufacturing	1.8367	0.3518	10.5100	2.1561	2.0664	
9. Nonmetallic mineral product manufacturing	1.5516	0.3476	7.9850	1.7047	1.7457	
10. Primary metal manufacturing	1.5082	0.2817	5.8406	1.8727	2.1324	
11. Fabricated metal product manufacturing	1.5475	0.3722	8.9310	1.6125	1.5830	
12. Machinery manufacturing	1.6187	0.3663	7.6275	1.7762	1.9108	
13. Computer and electronic product manufacturing	1.5814	0.3532	6.3139	1.8080	2.2854	
14. Electrical equipment and appliance manufacturing	1.6508	0.3266	6.8404	2.0381	2.2610	
15. Motor vehicle, body, trailer, and parts manufacturing	1.9462	0.3358	6.9465	2.6340	3.3158	
16. Other transportation equipment manufacturing	1.6030	0.3337	6.8284	1.8695	2.0618	
17. Furniture and related product manufacturing	1.8825	0.4232	12.2794	1.9467	1.7363	
18. Miscellaneous manufacturing	1.6160	0.4012	8.3577	1.6338	1.7627	
19. Food, beverage, and tobacco product manufacturing	1.5346	0.2437	5.7816	2.3775	2.3188	
20. Textile and textile product mills	1.9944	0.3811	10.1473	2.3300	2.0976	
21. Apparel, leather, and allied product manufacturing	1.9988	0.4226	11.6588	2.1934	2.0497	
22. Paper manufacturing	1.6855	0.3194	6.7350	2.0962	2.5180	
23. Printing and related support activities	1.5787	0.4092	9.8766	1.5549	1.5324	
24. Petroleum and coal products manufacturing	1.5289	0.3343	5.7756	1.7975	2.3598	
25. Chemical manufacturing	1.6402	0.2816	5.1198	2.3815	3.2213	
26. Plastics and rubber products manufacturing	1.7641	0.3403	7.5591	2.0331	2.0678	
27. Wholesale trade	1.4019	0.4245	9.6066	1.4017	1.5322	
28. Retail trade	1.4716	0.4596	18.5322	1.4354	1.2358	
29. Air transportation	1.4935	0.3989	10.6456	1.6669	2.2107	
30. Rail transportation	1.4764	0.3725	7.1274	1.5661	1.9911	
31. Water transportation	1.6878	0.3728	8.2095	2.5950	3.7215	
32. Truck transportation	1.6263	0.4121	11.4657	1.7404	1.6872	
33. Transit and ground passenger transportation*	1.5141	0.5320	28.5455	1.3779	1.1498	
34. Pipeline transportation	1.5663	0.3541	7.6454	2.0795	3.2669	
35. Other transportation and support activities*	1.3860	0.5196	12.8758	1.2797	1.3298	
36. Warehousing and storage	1.3222	0.5107	16.1038	1.1773	1.1708	
37. Publishing including software	1.3678	0.3951	8.0505	1.3681	1.4914	
38. Motion picture and sound recording industries	1.3794	0.3321	7.1255	1.4428	1.5991	
39. Broadcasting and telecommunications	1.4665	0.3455	7.0421	1.5895	1.8448	
40. Information and data processing services	1.3377	0.5650	11.2399	1.2199	1.3965	
41. Federal Reserve banks, credit intermediation and related services	1.3131	0.3135	6.9661	1.4453	1.6397	
42. Securities, commodity contracts, investments	1.4448	0.6297	13.3202	1.3308	1.4126	
43. Insurance carriers and related activities	1.5885	0.4276	9.6429	1.6130	1.6558	

(Continued)

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Region Definition: Burke, NC; Cabarus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Lancaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 2 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 4 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output delivered to final demand by the industry corresponding to the entry.
 Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to households employed by the industry corresponding to the entry.
 Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.
 Each entry in column 5 represents the total change in number of jobs in all industries for each additional job in the industry corresponding to the entry.
 NOTE:--Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix C identifies the industries corresponding to the entries.

^{*}Includes Government enterprises. 1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the

INDUSTRY	Multiplier					
	Final Demand			Direct Effect		
	Output/1/ (dollars)	Earnings/2/ (dollars)	Employment/3/ (jobs)	Earnings/4/ (dollars)	Employment/5/ (jobs)	
44. Funds, trusts, and other financial vehicles	1.9903	0.5161	11.0082	4.4763	4,4680	
45. Real estate	1.2681	0.1098	4.1258	2.7049	2.1040	
46. Rental and leasing services and lessors of intangible assets	1.2324	0.2141	7.0730	1.4367	1.3945	
47. Professional, scientific, and technical services	1.3175	0.5565	13.5596	1.2139	1.3017	
48. Management of companies and enterprises	1.3194	0.5660	8.7279	1.1796	1.3248	
49. Administrative and support services	1.2832	0.5091	25.4672	1.2039	1.1169	
50. Waste management and remediation services	1.4802	0.4127	10.7022	1.4786	1.5943	
51. Educational services	1.4539	0.5280	21.6489	1.2658	1.1995	
52. Ambulatory health care services	1.3196	0.5923	13.1839	1.1861	1.2711	
53. Hospitals and nursing and residential care facilities	1.4522	0.5584	18.5032	1.2825	1.2681	
54. Social assistance	1.4625	0.5071	31,2096	1.3124	1.1311	
55. Performing arts, museums, and related activities	1.3809	0.6020	27.1112	1.2816	1.2280	
56. Amusements, gambling, and recreation	1.3895	0.4924	27.3344	1.2614	1.1160	
57. Accommodation	1.3334	0.4344	20.7372	1.2677	1.1415	
58. Food services and drinking places	1.4653	0.4836	34,0210	1.2769	1.0928	
59. Other services*	1.4570	0.4295	18.5216	1.3728	1.2174	
60. Households	0.0000	0.0000	0.0000	0.0000	0.0000	

Region Definition: Burke, NC; Cabarrus, NC; Catawba, NC; Cleveland, NC; Gaston, NC; Henderson, NC; Iredell, NC; Lincoln, NC; McDowell, NC; Mecklenburg, NC; Polk, NC; Rutherford, NC; Union, NC; Cherokee, SC; Chester, SC; Fairfield, SC; Greenville, SC; Laucaster, SC; Laurens, SC; Newberry, SC; Spartanburg, SC; Union, SC; York, SC

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SC; York, SC
*Includes Government enterprises.
1. Each entry in column 1 represents the total dollar change in output that occurs in all industries for each additional dollar of output delivered to final demand by the
industry corresponding to the entry.
2. Each entry in column 3 represents the total dollar change in earnings of households employed by all industries for each additional dollar of output delivered to final
demand by the industry corresponding to the entry.
3. Each entry in column 3 represents the total change in number of jobs that occurs in all industries for each additional 1 million dollars of output
delivered to final demand by the industry corresponding to the entry.
4. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional 1 million dollars of output
delivered to final demand by the industry corresponding to the entry.
5. Each entry in column 4 represents the total dollar change in earnings of households employed by all industries for each additional dollar of earnings paid directly to
households employed by the industry corresponding to the entry.
5. Each entry in column 5 represents the total change in number of jobs in all industries for each additional dollar of earnings paid directly to
households employed by the industry corresponding to the entry.
NOTE.--Multipliers are based on the 1997 Benchmark Input-Output Table for the Nation and 2004 regional data. Appendix C identifies the industries corresponding to
the entry.

From: Bess, Rebecca [mailto:Rebecca.Bess@bea.gov]
Sent: Monday, April 18, 2011 2:39 PM
To: rturney@enercon.com
Subject: Payment Receipt for RIMS II Order #453 (Bellefonte and Duke Regions)

Ms. Turney -

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Thank you for contacting the RIMS II staff.

Below, please find a receipt for your order #453 placed on 04/18/2007:

Agency: BEA Application: RIMS II

Transaction Information Pay.gov Tracking ID: **Collection Status:** Agency Tracking ID: 453 Account Holder Name: Approval Code: Transaction Date (ET): 04/18/2007 12:24 PM **Transaction Amount:** \$450.00 **Email Address:** Address: Event: Sale Batch Pay.gov Tracking ID: Credit Card Type: Visa Service: Credit Card Number: Return Code: Expiration: **Return Detail:** Agency Memo Information

OrderKey 453 Time 12:24:21 PM Date Wednesday, April 18, 2007

If you have any questions, please contact me at 202-606-5343 or RIMS@bea.gov.

Sincerely, Rebecca Bess



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Regional Input-Output Modeling System (RIMS II)

Multipliers based on 2004 national annual input-output data and 2004 regional data are available for any single or multi-county region. Multipliers based on 1997 national benchmark input-output data and 2004 regional data are also available.

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