Methodology

The TCA Manufacturing Performance Index (MPI) is an indicator of how counties within a state, or region, performed during and after the last recession. The MPI consists to four sub-indices: Pre-recession manufacturing employment, pre-recession manufacturing earnings, post-recession manufacturing earnings, and post-recession manufacturing earnings. The pre-recession (2007-to-2009) comparison illustrates how deeply the recession affected manufacturing earnings and employment when the recession reached its trough. The post-recession (2007-to-2018) comparison illustrates how manufacturing earnings and employment have recovered from the recession relative to the 2007 benchmark. The four sub-indices are averaged to calculate the overall MPI value. An overall MPI of more than 1 indicates that a county's manufacturing sector has over-performed its pre-recession (2007) benchmark. An MPI of less than 1 means that a county's manufacturing sector has under-performed its 2007 benchmark.

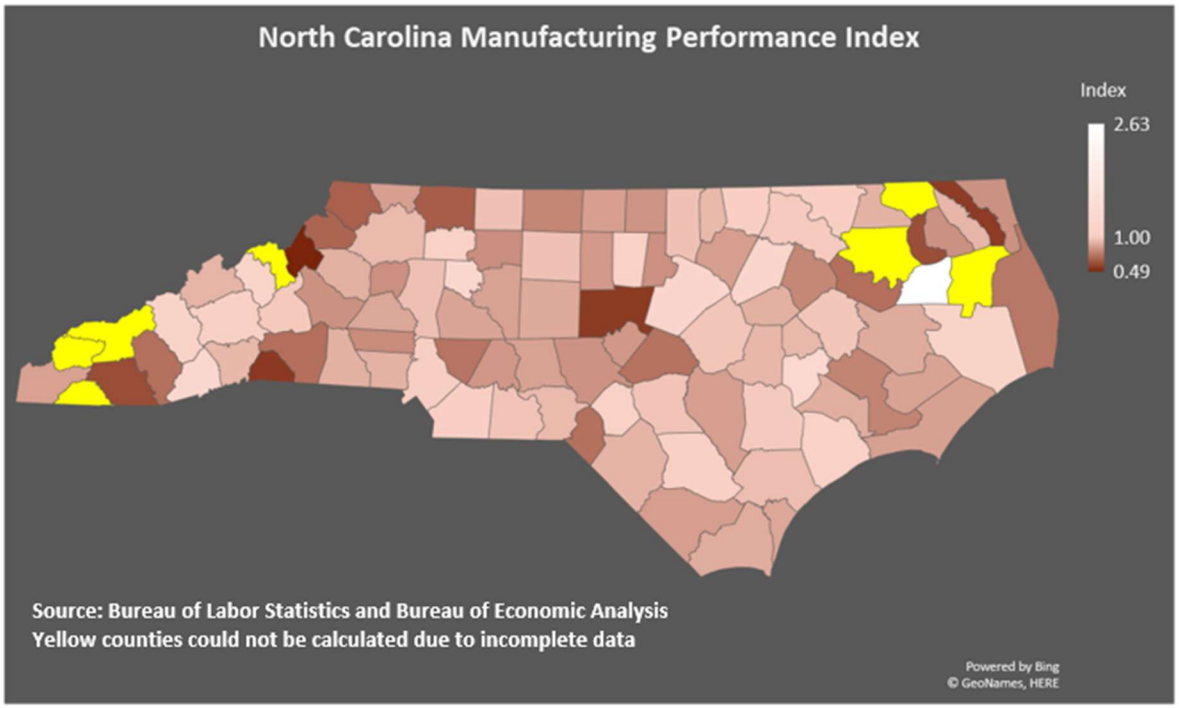
Highlights

- Of the four states (Florida, Georgia, North Carolina, and South Carolina), Georgia (0.96) produced the highest overall MPI. North Carolina (0.91) produced the lowest.

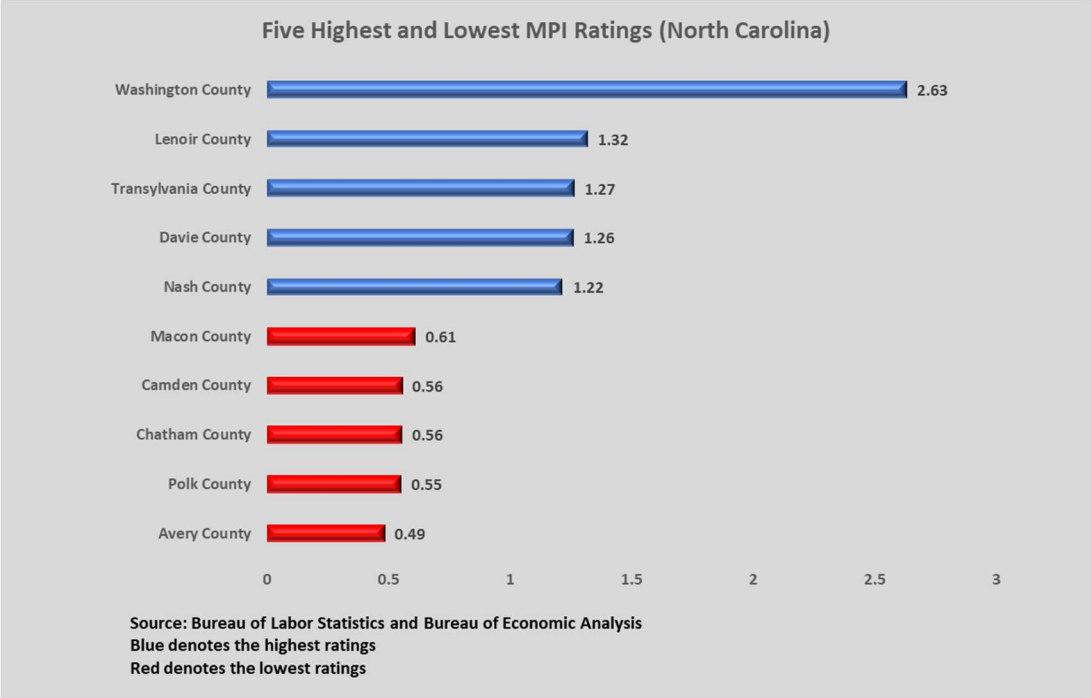
- Pre-recession employment was the biggest drag on manufacturing sector performance in the four states, averaging an MPI of 0.81. Post-recession earnings was the best-performing sub-index across the four states, averaging a 1.15 MPI.

- Florida counties produced the highest and lowest MPIs in the study. Jefferson County, Florida (0.24) produced the lowest MPI of any county in the study. Glades County, Florida (3.80) produced the highest MPI of any county in the study.

North Carolina



Out of the 93 North Carolina counties that were calculated, 74 had MPI ratings of less than 1, which indicates under-performance. North Carolina counties produced an average MPI of 0.91. The chart below shows the best performing and worst performing counties.

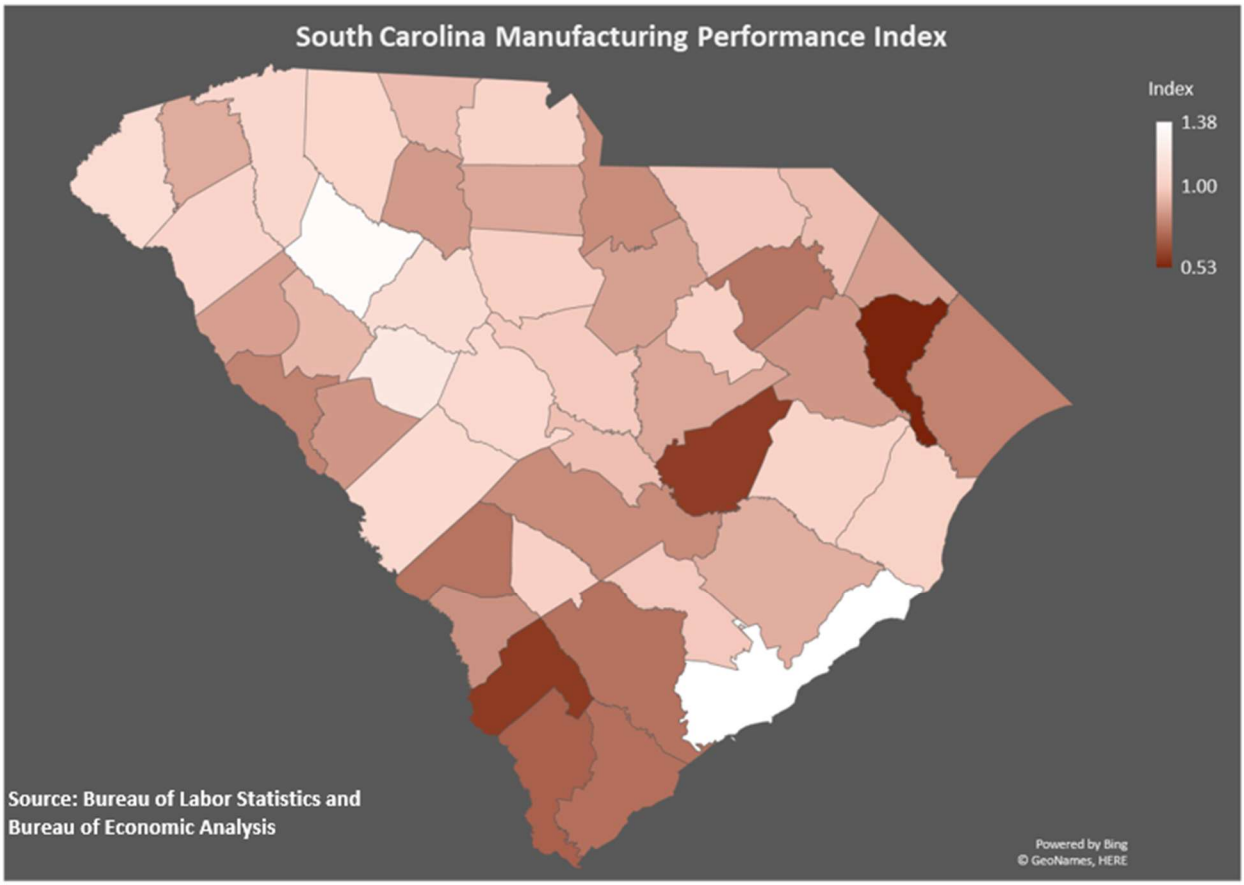


Washington County produced the highest MPI of any county in North Carolina. Washington County's high MPI was the result of the county's manufacturing earning and employment greatly outperforming pre-recession levels in the 2018 comparison. Moreover, Washington County's manufacturing employment fell by only 11% from 2007 to 2009 before staging a robust recovery. Lenoir County's above-average MPI was due to its post-recession recovery. While Lenoir County's manufacturing employment and earnings dropped significantly during the recession, their recovery was robust. In fact, both earnings and employment have surpassed their pre-recession figures.

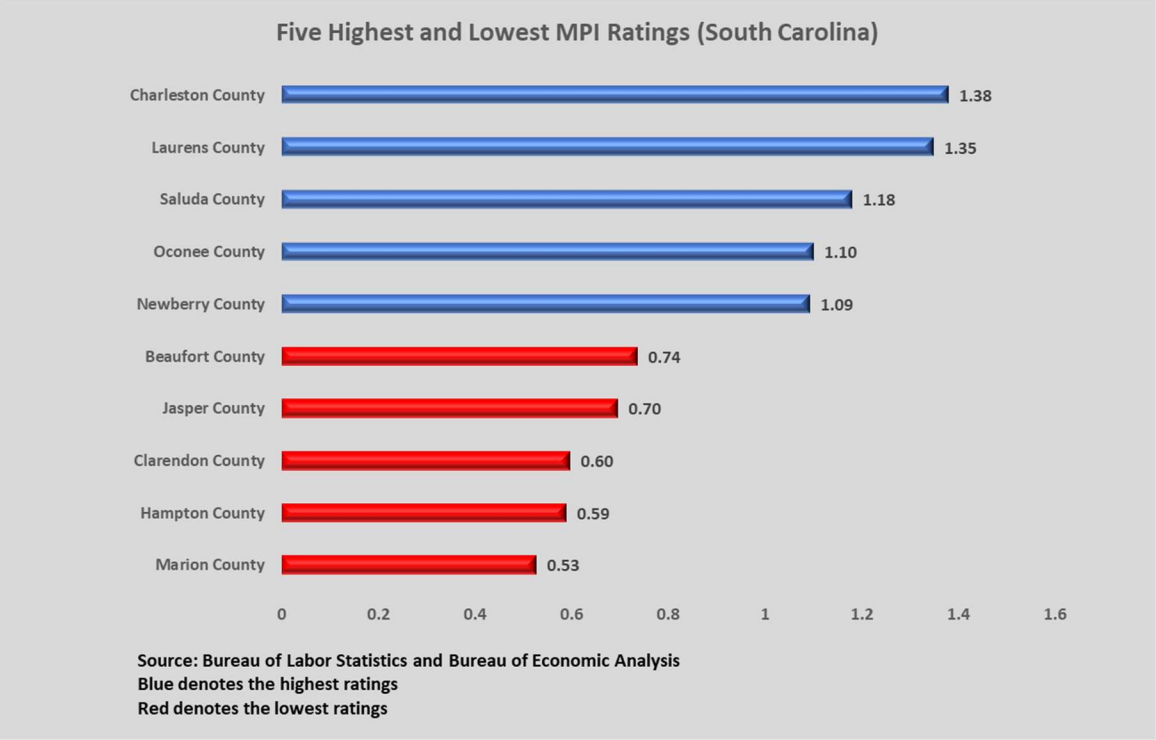
In terms of the lowest MPIs, Avery County's was the lowest of any North Carolina county at 0.49. The county has a small manufacturing sector. Consequently, small absolute changes result in large percent changes. That being said, Avery County's manufacturing employment and earnings declined significantly during the recession and remained low during the recovery. Polk County followed a similar pattern as Avery County. Polk County's manufacturing sector experienced a decline during the recession and has not been able to gain traction during the recovery.

The sub-indices provide more color into the overall MPI. The only MPI sub-index to produce an average value of greater than 1 was post-recession earnings. Pre-recession employment produced the lowest average MPI at 0.82. In other words, manufacturing employment fell by an average of 18% from 2007 to 2009. Only four counties (Nash, Hoke, Hyde, and Cumberland) gained manufacturing employment during that period.

South Carolina



Out of the 46 South Carolina counties that were calculated, 30 had MPI rating of less than 1, which indicates under-performance. South Carolina counties produced an average MPI of 0.92. The chart below shows the best performing and worst performing counties.

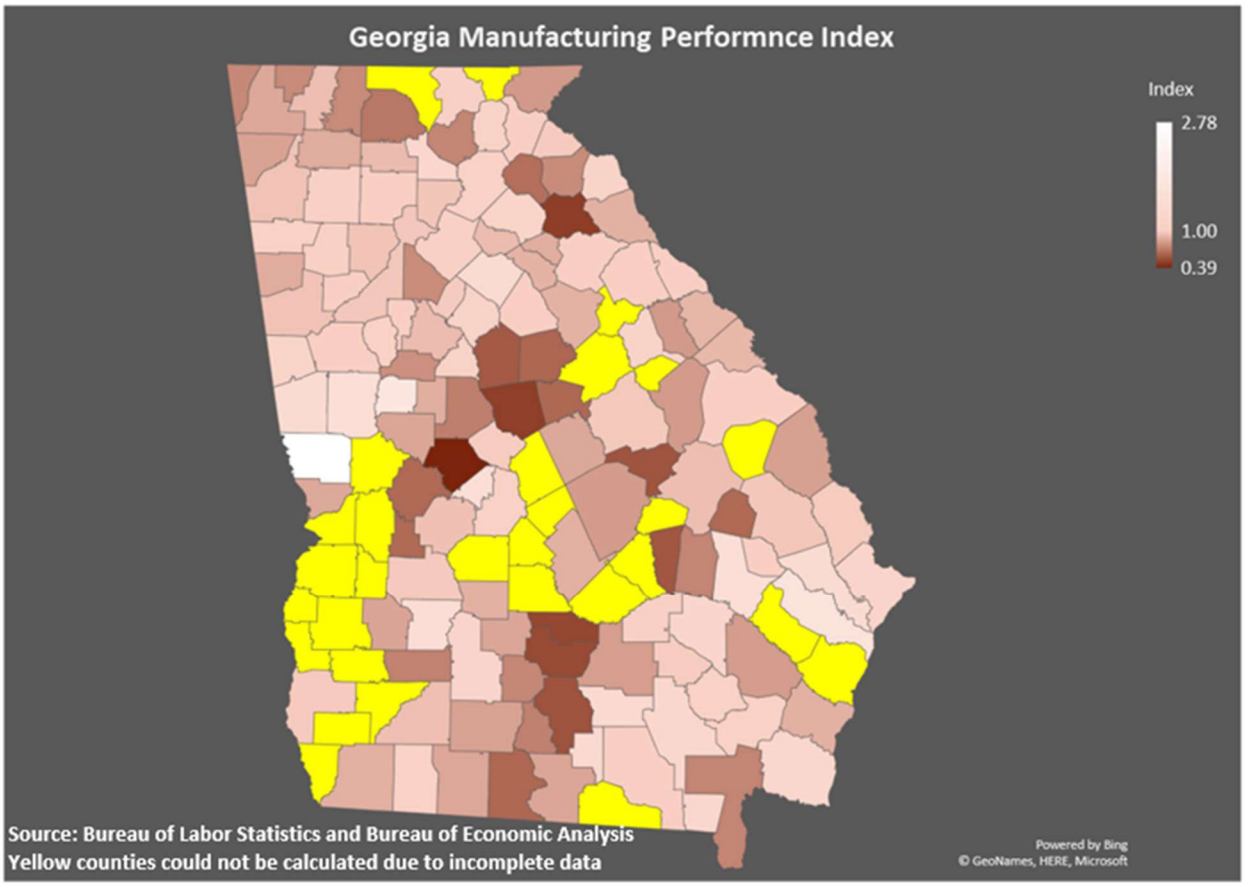


Charleston County produced the highest MPI of any county in South Carolina. The county saw minimal manufacturing employment losses during the recession. Moreover, employment and earnings surged during the recovery, resulting the county's high MPI. Laurens County's above-average MPI was largely due to its post-recession recovery. In 2018, Laurens County manufacturing employment and earnings were respectively, 72% and 76%, above their 2007 pre-recession levels.

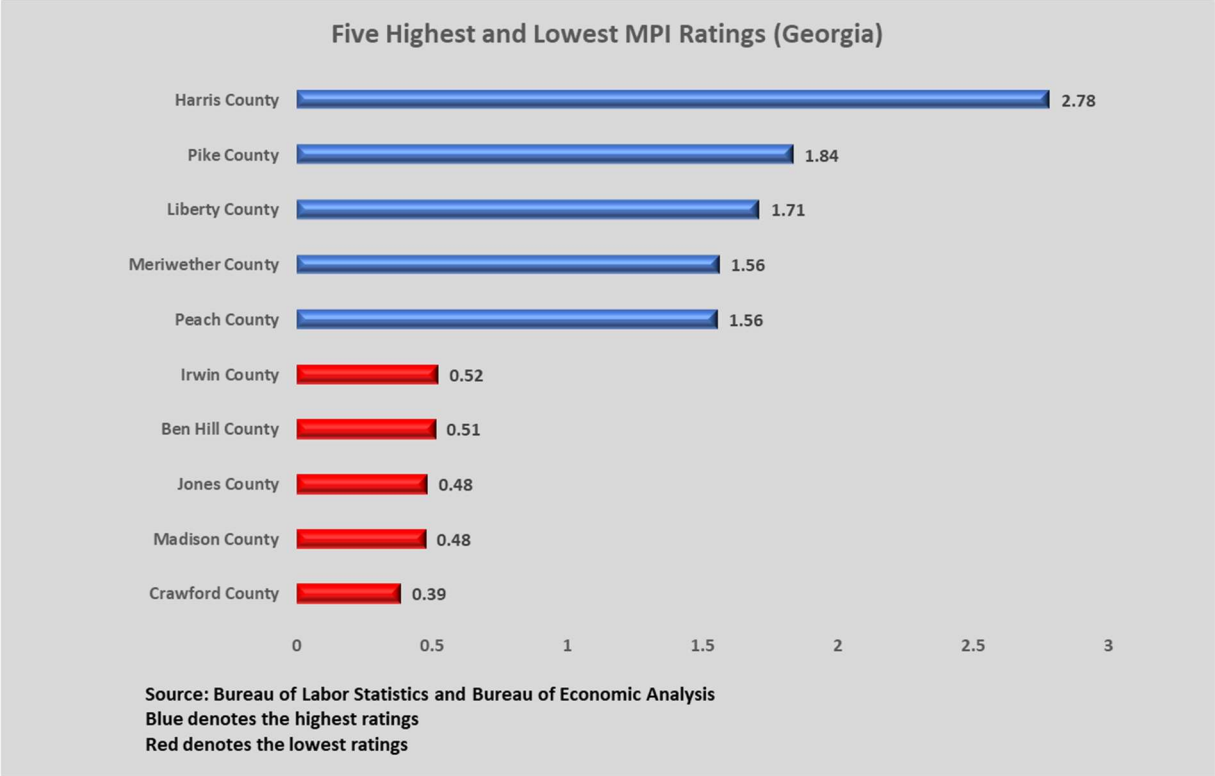
In terms of the lowest MPIs, Marion County's was the lowest of any South Carolina county at 0.53. The county's manufacturing employment and earnings dropped by nearly half during the recession. The sector continued to hemorrhage jobs and earnings during the recovery. Hampton County followed a similar pattern as Marion County. Hampton County's manufacturing sector experienced a decline during the recession and has continued to decline during the recovery.

The sub-indices provide more color into the overall MPI. While pre-recession employment and earning averaged less than 1 for South Carolina counties, post-recession employment and earnings averaged more than 1. In other words, South Carolina counties were deeply affected by the recession but also staged a wide-spread recovery.

Georgia



Out of the 130 Georgia counties that were calculated, 81 had MPI rating of less than 1, which indicates under-performance. Georgia counties produced an average MPI of 0.96. The chart below shows the best performing and worst performing counties.

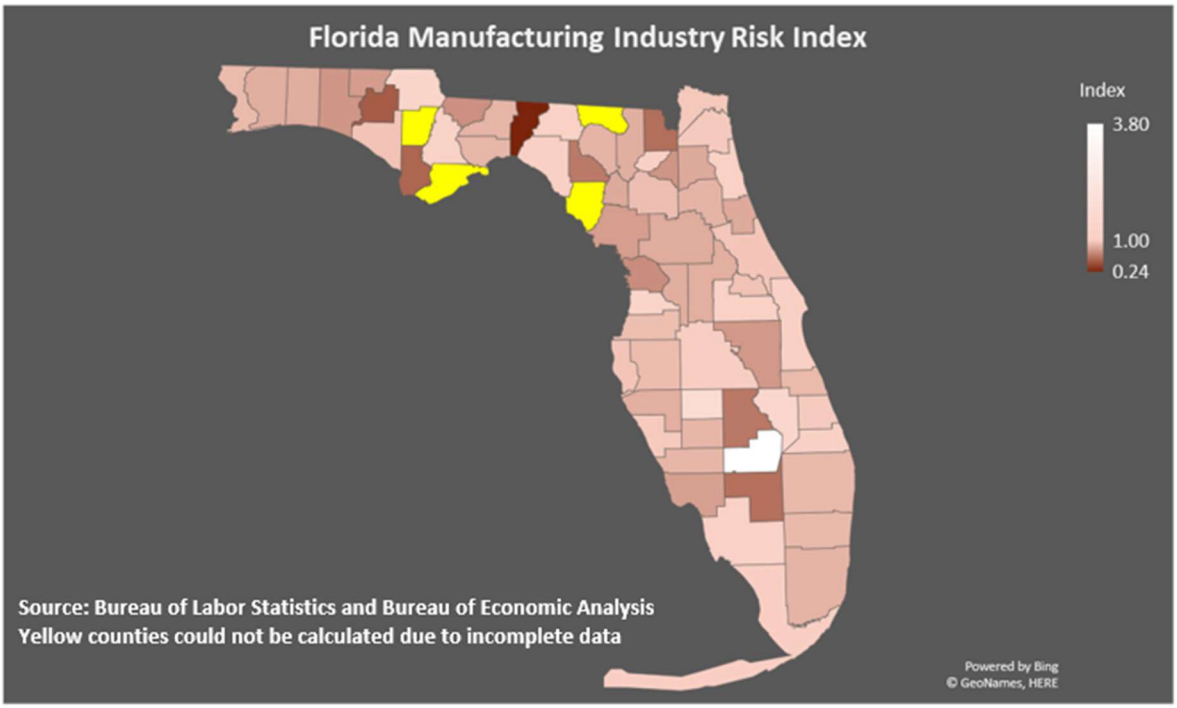


Harris County produced the highest MPI of any county in Georgia. The county's high MPI is largely a function of its strong post-recession job growth. Additionally, Harris County saw strong post-recession earnings as well. Pike County's high MPI due to its stellar, wide-spread pre-recession and post-recession performance. Pike County's employment fell by only 1.2% during the recession and is now nearly 3 times the pre-recession level. Also, Pike County's earnings actually grew during the recession and continued to grow during the recovery.

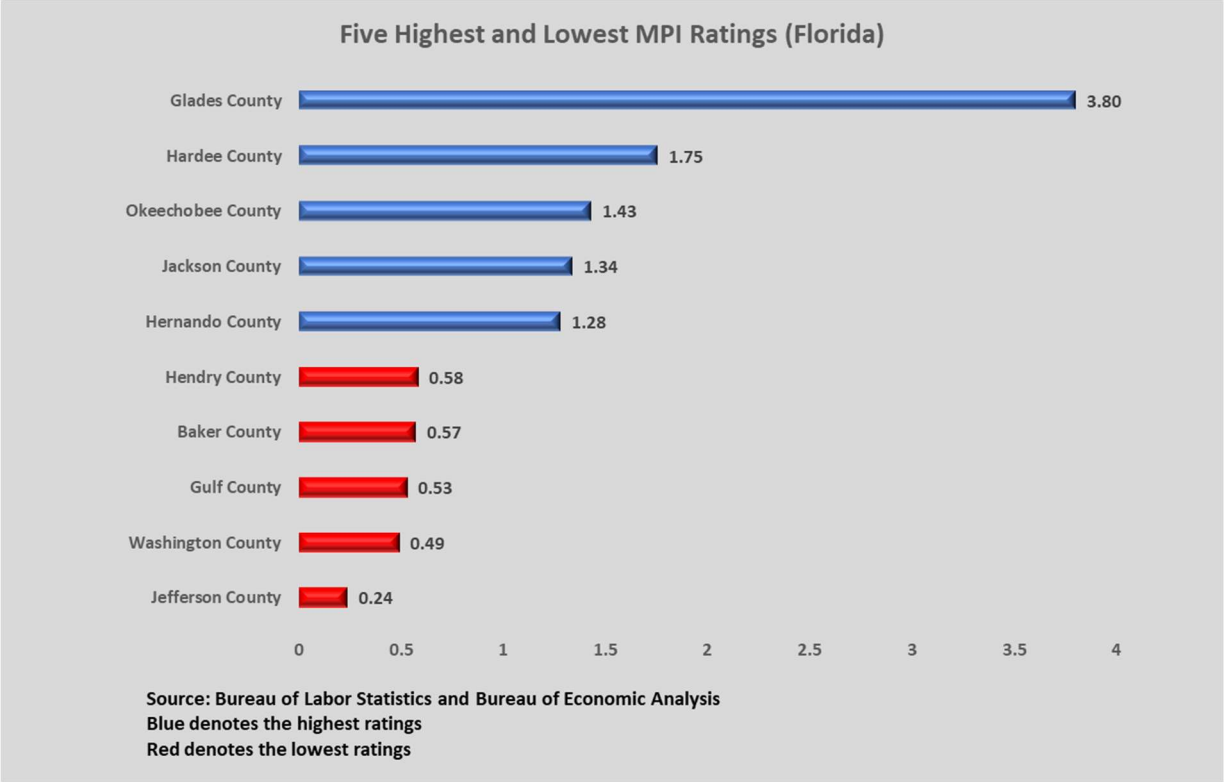
In terms of the lowest MPIs, Crawford County's was the lowest of any Georgia county at 0.39. The county has a small manufacturing sector, which means that small absolute changes can result in large percent changes. The county's manufacturing employment declined by 88% during the recession and has not recovered. Also, manufacturing earnings are currently half of what they were in 2007. Madison County followed a similar pattern as Crawford County. Madison County's manufacturing sector experienced a sharp decline during the recession and has failed to recover.

The sub-indices provide more color into the overall MPI. While pre-recession employment and earnings averaged less than 1 for Georgia counties, post-recession employment and earnings averaged more than 1. In other words, Georgia counties were affected by the recession but also bounced back nicely in the recovery period.

Florida



Out of the 63 Florida counties that were calculated, 48 had MPI rating of less than 1, which indicates under-performance. Florida counties produced an average MPI of 0.95. The chart below shows the best performing and worst performing counties.



Glades County produced the highest MPI of any county in Florida. The county's high MPI is due to strong employment and earnings growth both during and after the recession. In fact, earnings for the sector are nearly 7 times the figure in 2007. Hardee County's high MPI is also the result of robust pre-recession and post-recession performance. In 2018, Hardee County's employment and earnings are 89% and 256% higher than 2007, respectively.

In terms of the lowest MPIs, Jefferson County's was the lowest of any Florida county at 0.24. The county has a small manufacturing sector, which means that small absolute changes can result in large percent changes. The county's manufacturing employment declined by 62% during the recession and has continued to lose ground. Washington County followed a similar pattern as Jefferson County. Washington County's manufacturing employment fell by 50% during the recession and is currently 60% lower than the 2007 figure.

The sub-indices provide more color into the overall MPI. Post-recession earnings was the only sub-index that produced a value over 1. However, pre-recession employment and earnings fell moderately and staged a rebound in the recovery period. All of these factors resulted in the overall MPI of 0.95.

About Thompson Consulting and Analytics, LLC

Thompson Consulting and Analytics, LLC (TCA) is an economic consulting firm that operates with client success in mind. We are experienced at performing economic impact analysis, econometric forecasts, and economic research studies. In addition, we offer predictive analytics, site feasibility studies, white papers/industry analysis, and other economic consulting services. Our extensive background in regional economics and commercial real estate research has provided private and public sector clients with valuable results and actionable insights.

Appendix of Tables

Florida Manufacturing Performance Index					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Alachua County	0.87	0.94	0.83	1.06	**0.92**
Baker County	0.77	0.37	0.76	0.39	**0.57**
Bay County	0.91	0.85	0.96	1.09	**0.95**
Bradford County	0.88	0.50	0.86	0.74	**0.75**
Brevard County	0.91	1.05	0.99	1.31	**1.07**
Broward County	0.83	0.89	0.86	1.02	**0.90**
Charlotte County	0.74	1.05	0.66	1.11	**0.89**
Citrus County	0.73	0.65	0.62	0.83	**0.71**
Clay County	0.71	0.80	0.78	1.05	**0.84**
Collier County	0.83	1.26	0.82	1.58	**1.12**
Columbia County	0.69	0.92	0.71	1.11	**0.86**
DeSoto County	1.00	0.71	0.96	0.89	**0.89**
Duval County	0.92	0.95	0.93	1.10	**0.98**
Escambia County	0.77	0.87	0.83	1.17	**0.91**
Flagler County	0.68	0.92	0.60	1.14	**0.83**
Gadsden County	0.81	0.58	0.76	0.76	**0.73**
Gilchrist County	0.78	1.00	0.62	0.93	**0.83**
Glades County	1.15	4.00	3.20	6.86	**3.80**
Gulf County	0.60	0.24	0.90	0.39	**0.53**
Hardee County	1.20	1.90	1.34	2.58	**1.75**
Hendry County	0.84	0.39	0.79	0.32	**0.58**
Hernando County	0.84	1.68	0.78	1.82	**1.28**
Highlands County	0.55	0.73	0.42	0.76	**0.62**
Hillsborough County	0.81	0.91	0.85	1.11	**0.92**
Holmes County	0.88	0.56	0.98	0.68	**0.78**
Indian River County	0.71	0.96	0.80	1.16	**0.91**
Jackson County	1.01	1.67	0.92	1.76	**1.34**
Jefferson County	0.38	0.08	0.36	0.14	**0.24**
Lafayette County	0.51	0.47	0.51	1.01	**0.63**
Lake County	0.76	0.87	0.79	1.01	**0.86**
Lee County	0.65	0.94	0.59	0.99	**0.79**
Leon County	0.85	0.77	0.98	0.94	**0.89**
Levy County	0.45	1.09	0.45	1.13	**0.78**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

Florida Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Levy County	0.45	1.09	0.45	1.13	**0.78**
Liberty County	0.92	0.96	0.88	1.85	**1.15**
Madison County	0.95	1.06	1.00	1.38	**1.10**
Manatee County	0.82	0.83	0.85	0.93	**0.86**
Marion County	0.70	0.89	0.84	0.95	**0.84**
Martin County	0.92	1.04	0.96	1.28	**1.05**
Miami-Dade County	0.79	0.86	0.82	1.05	**0.88**
Monroe County	0.81	1.11	0.97	1.22	**1.03**
Nassau County	0.87	1.16	0.81	1.05	**0.97**
Okaloosa County	0.93	0.58	1.03	0.86	**0.85**
Okeechobee County	0.88	1.51	0.92	2.42	**1.43**
Orange County	0.94	1.15	0.99	1.34	**1.10**
Osceola County	0.80	0.80	0.67	0.78	**0.76**
Palm Beach County	0.86	1.06	0.72	0.97	**0.90**
Pasco County	0.83	0.94	0.86	1.08	**0.93**
Pinellas County	0.86	0.87	0.92	1.17	**0.95**
Polk County	0.86	1.00	0.90	1.21	**0.99**
Putnam County	0.97	0.75	0.97	0.84	**0.88**
St. Johns County	0.73	1.20	0.80	1.67	**1.10**
St. Lucie County	0.67	1.23	0.67	1.36	**0.98**
Santa Rosa County	0.74	0.92	0.69	1.07	**0.85**
Sarasota County	0.67	1.09	0.70	1.46	**0.98**
Seminole County	0.80	0.93	0.85	1.20	**0.95**
Sumter County	0.79	0.87	0.67	1.08	**0.85**
Suwannee County	0.62	0.99	0.60	1.30	**0.88**
Taylor County	0.97	0.99	0.96	1.30	**1.05**
Union County	0.92	0.97	0.88	1.36	**1.03**
Volusia County	0.76	1.03	0.80	1.25	**0.96**
Wakulla County	0.93	0.80	0.84	0.99	**0.89**
Walton County	0.80	0.67	0.78	0.76	**0.75**
Washington County	0.50	0.40	0.58	0.50	**0.49**
State Average	**0.80**	**0.96**	**0.84**	**1.20**	**0.95**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

Georgia Manufacturing Performance Index					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Appling County	1.03	1.14	1.07	1.70	**1.23**
Atkinson County	0.87	2.03	0.89	1.80	**1.40**
Bacon County	0.69	1.07	0.75	1.44	**0.99**
Baldwin County	0.60	0.44	0.84	0.65	**0.63**
Banks County	0.90	0.35	0.55	0.82	**0.66**
Barrow County	0.79	1.01	0.76	1.17	**0.93**
Bartow County	0.90	1.17	0.87	1.25	**1.05**
Ben Hill County	0.51	0.44	0.47	0.64	**0.51**
Berrien County	0.44	0.64	0.41	0.73	**0.56**
Bibb County	0.92	1.00	0.96	1.08	**0.99**
Brantley County	0.84	1.10	0.55	1.74	**1.06**
Brooks County	0.66	0.49	0.67	0.70	**0.63**
Bryan County	0.70	2.06	1.18	1.81	**1.44**
Bulloch County	0.79	0.98	0.85	1.26	**0.97**
Burke County	0.73	0.68	1.10	1.50	**1.00**
Butts County	0.87	1.20	0.96	1.35	**1.09**
Camden County	1.06	1.26	1.21	1.59	**1.28**
Candler County	0.80	0.41	0.84	0.50	**0.64**
Carroll County	0.85	0.92	0.85	1.21	**0.96**
Catoosa County	0.69	0.68	0.70	0.96	**0.76**
Charlton County	0.65	0.77	0.66	0.86	**0.74**
Chatham County	0.93	1.21	1.02	1.61	**1.19**
Chattooga County	0.74	0.88	0.74	1.00	**0.84**
Cherokee County	0.76	1.12	0.85	1.33	**1.01**
Clarke County	0.84	0.75	0.93	1.01	**0.88**
Clayton County	0.92	0.92	0.98	1.18	**1.00**
Clinch County	0.86	0.95	0.95	1.26	**1.00**
Cobb County	0.93	0.93	0.93	1.05	**0.96**
Coffee County	0.64	0.87	0.73	1.06	**0.82**
Colquitt County	0.88	0.73	0.88	0.86	**0.84**
Columbia County	0.83	0.75	0.91	1.14	**0.91**
Cook County	0.76	0.56	0.87	0.69	**0.72**
Coweta County	0.82	1.11	0.82	1.27	**1.01**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

Georgia Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Crawford County	0.11	0.09	0.80	0.54	**0.39**
Crisp County	0.69	0.95	0.74	1.20	**0.89**
Dade County	0.46	1.05	0.56	0.93	**0.75**
Dawson County	0.87	1.79	0.85	1.54	**1.26**
Decatur County	0.94	1.00	0.72	0.89	**0.89**
DeKalb County	0.73	0.76	0.72	0.84	**0.76**
Dodge County	0.58	0.81	0.94	1.23	**0.89**
Dougherty County	0.81	0.59	0.83	0.67	**0.72**
Douglas County	0.78	1.00	0.90	1.32	**1.00**
Early County	0.83	1.05	0.91	1.14	**0.98**
Effingham County	0.96	0.90	1.09	0.99	**0.99**
Elbert County	0.97	0.72	0.95	0.92	**0.89**
Emanuel County	0.89	0.73	0.99	1.15	**0.94**
Evans County	0.99	1.05	0.88	1.11	**1.01**
Fayette County	0.73	1.17	0.91	1.43	**1.06**
Floyd County	0.88	0.91	0.87	1.17	**0.96**
Forsyth County	0.90	0.91	0.95	1.10	**0.97**
Franklin County	0.74	0.70	0.73	0.87	**0.76**
Fulton County	0.81	0.92	0.88	1.28	**0.97**
Gilmer County	0.72	0.55	0.78	0.70	**0.69**
Glynn County	1.08	0.89	0.85	0.75	**0.89**
Gordon County	0.77	1.01	0.69	1.03	**0.87**
Grady County	0.67	1.13	0.77	1.66	**1.06**
Greene County	0.79	0.88	0.84	1.07	**0.90**
Gwinnett County	0.88	1.08	0.93	1.21	**1.02**
Habersham County	0.87	1.02	0.97	1.19	**1.01**
Hall County	0.89	1.19	0.89	1.37	**1.09**
Haralson County	0.80	0.84	0.82	1.04	**0.88**
Harris County	0.83	7.58	0.99	1.74	**2.78**
Hart County	0.79	1.55	0.54	1.67	**1.14**
Heard County	0.81	1.31	0.91	1.73	**1.19**
Henry County	0.78	0.82	0.92	1.21	**0.93**
Houston County	0.97	0.99	1.01	1.25	**1.06**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

Georgia Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Irwin County	0.43	0.40	0.66	0.61	**0.52**
Jackson County	0.83	1.22	0.79	1.92	**1.19**
Jasper County	0.54	0.54	0.58	0.67	**0.58**
Jeff Davis County	0.89	1.13	0.82	1.30	**1.04**
Jefferson County	0.75	0.65	0.86	0.99	**0.81**
Johnson County	0.67	0.35	0.73	0.50	**0.56**
Jones County	0.45	0.55	0.41	0.52	**0.48**
Lamar County	0.77	1.01	0.75	0.99	**0.88**
Lanier County	0.88	1.54	0.96	2.12	**1.38**
Laurens County	0.83	0.74	0.92	0.78	**0.82**
Lee County	0.76	2.27	0.78	2.33	**1.54**
Liberty County	1.06	1.94	1.12	2.72	**1.71**
Lincoln County	1.20	0.38	1.09	1.32	**1.00**
Lowndes County	0.77	0.75	0.80	1.09	**0.85**
Lumpkin County	0.60	0.67	0.63	1.06	**0.74**
McDuffie County	0.64	0.67	0.85	1.08	**0.81**
Macon County	1.03	0.68	1.07	1.02	**0.95**
Madison County	0.54	0.38	0.47	0.52	**0.48**
Meriwether County	1.19	2.22	0.97	1.89	**1.56**
Mitchell County	0.95	0.68	1.03	1.11	**0.94**
Monroe County	0.66	0.71	0.70	0.78	**0.71**
Montgomery County	0.67	0.57	0.64	0.38	**0.57**
Morgan County	0.77	1.05	0.80	1.40	**1.00**
Murray County	0.85	0.59	0.84	0.74	**0.75**
Muscogee County	0.78	0.86	0.81	1.01	**0.86**
Newton County	0.95	1.04	1.04	1.46	**1.12**
Oconee County	0.64	0.99	0.75	1.23	**0.90**
Oglethorpe County	0.52	1.07	0.60	1.81	**1.00**
Paulding County	0.90	1.06	1.02	1.20	**1.04**
Peach County	1.27	1.95	1.10	1.91	**1.56**
Pickens County	0.81	1.04	0.72	1.15	**0.93**
Pierce County	0.86	0.98	1.08	1.33	**1.06**
Pike County	0.99	2.63	1.56	2.17	**1.84**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

Georgia Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Polk County	0.93	1.05	0.99	1.30	**1.07**
Putnam County	0.63	0.59	0.62	0.66	**0.62**
Rabun County	0.92	0.57	0.94	0.82	**0.81**
Richmond County	0.89	0.90	0.93	0.94	**0.92**
Rockdale County	0.66	0.85	0.88	1.56	**0.99**
Schley County	0.78	0.42	0.87	0.50	**0.64**
Screven County	0.71	0.78	0.71	1.14	**0.83**
Spalding County	0.69	0.67	0.85	0.90	**0.77**
Stephens County	0.88	0.99	0.90	1.18	**0.99**
Sumter County	0.68	0.77	0.78	1.68	**0.98**
Tattnall County	0.71	1.99	0.87	2.65	**1.56**
Taylor County	0.74	0.51	0.75	0.54	**0.64**
Terrell County	0.84	0.70	0.84	1.01	**0.85**
Thomas County	0.78	0.77	0.84	1.04	**0.86**
Tift County	0.73	0.55	0.90	0.79	**0.74**
Toombs County	0.65	0.71	0.70	0.89	**0.74**
Troup County	0.88	1.72	0.95	2.18	**1.43**
Turner County	0.68	0.78	0.76	1.19	**0.85**
Union County	0.78	1.13	0.86	1.44	**1.05**
Upson County	0.82	0.78	0.87	0.94	**0.85**
Walker County	0.78	0.87	0.78	1.02	**0.86**
Walton County	0.91	1.59	0.98	2.28	**1.44**
Ware County	0.80	1.52	0.97	1.94	**1.31**
Warren County	0.86	1.09	0.86	1.73	**1.14**
Washington County	0.88	0.84	0.93	1.25	**0.98**
Wayne County	0.74	0.75	0.83	0.96	**0.82**
White County	0.78	1.18	0.82	1.62	**1.10**
Whitfield County	0.84	0.91	0.79	1.22	**0.94**
Wilkes County	0.81	0.97	0.89	1.37	**1.01**
Wilkinson County	0.99	0.61	1.03	0.80	**0.86**
Worth County	1.12	0.79	1.31	1.55	**1.19**
State Average	**0.80**	**1.00**	**0.85**	**1.20**	**0.96**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

North Carolina Manufacturing Performance Index					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Alamance County	0.78	0.83	0.78	0.96	**0.84**
Alexander County	0.77	0.82	0.72	0.94	**0.81**
Alleghany County	0.74	0.80	0.77	1.11	**0.86**
Anson County	0.88	0.97	0.88	1.13	**0.97**
Ashe County	0.79	0.51	0.82	0.56	**0.67**
Avery County	0.66	0.28	0.63	0.39	**0.49**
Beaufort County	0.87	0.63	1.03	1.03	**0.89**
Bladen County	0.89	0.94	1.02	1.34	**1.05**
Brunswick County	0.73	0.85	0.77	1.23	**0.90**
Buncombe County	0.90	1.05	0.95	1.19	**1.02**
Burke County	0.75	0.78	0.76	0.97	**0.82**
Cabarrus County	0.79	0.71	0.76	0.66	**0.73**
Caldwell County	0.79	0.89	0.79	1.15	**0.91**
Camden County	0.84	0.68	0.25	0.46	**0.56**
Carteret County	0.74	0.84	0.76	1.11	**0.86**
Caswell County	0.81	0.55	0.84	1.22	**0.86**
Catawba County	0.76	0.87	0.77	1.11	**0.88**
Chatham County	0.68	0.32	0.75	0.48	**0.56**
Cherokee County	0.74	0.89	0.77	1.05	**0.86**
Chowan County	0.47	0.67	0.54	0.78	**0.62**
Cleveland County	0.75	0.99	0.77	1.13	**0.91**
Columbus County	0.83	0.79	0.89	0.90	**0.85**
Craven County	0.67	0.78	0.70	0.96	**0.78**
Cumberland County	1.03	0.86	1.04	0.94	**0.97**
Currituck County	0.66	1.00	0.59	1.01	**0.82**
Dare County	0.63	0.74	0.67	0.92	**0.74**
Davidson County	0.73	0.81	0.76	1.15	**0.86**
Davie County	0.70	1.63	0.74	1.97	**1.26**
Duplin County	0.93	0.94	0.94	1.13	**0.99**
Durham County	0.89	0.69	0.94	0.74	**0.81**
Edgecombe County	0.78	0.63	0.87	0.87	**0.79**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

North Carolina Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Forsyth County	0.87	0.67	0.89	0.81	**0.81**
Franklin County	0.72	0.91	0.73	1.06	**0.85**
Gaston County	0.71	1.02	0.73	1.19	**0.91**
Granville County	0.89	0.83	0.89	1.21	**0.96**
Greene County	0.92	0.95	0.96	0.90	**0.93**
Guilford County	0.84	0.92	0.88	1.20	**0.96**
Halifax County	0.91	0.96	0.98	1.09	**0.99**
Harnett County	0.54	0.79	0.56	1.01	**0.72**
Haywood County	0.87	1.22	0.90	1.53	**1.13**
Henderson County	0.85	0.96	0.87	1.05	**0.93**
Hertford County	0.92	0.82	0.91	1.02	**0.92**
Hoke County	1.08	0.86	1.13	1.27	**1.08**
Hyde County	1.06	1.62	0.38	1.43	**1.12**
Iredell County	0.77	0.96	0.85	1.24	**0.96**
Jackson County	0.84	0.75	0.48	0.80	**0.72**
Johnston County	0.94	1.05	0.80	1.09	**0.97**
Jones County	0.86	0.83	0.86	1.06	**0.90**
Lee County	0.80	0.78	0.86	0.90	**0.84**
Lenoir County	0.73	1.69	0.85	2.02	**1.32**
Lincoln County	0.68	0.75	0.74	1.05	**0.80**
McDowell County	0.77	1.05	0.81	1.30	**0.98**
Macon County	0.70	0.46	0.79	0.49	**0.61**
Madison County	0.92	0.82	0.97	0.98	**0.92**
Martin County	0.85	0.42	0.82	0.77	**0.72**
Mecklenburg County	0.89	0.99	0.88	1.22	**1.00**
Montgomery County	0.75	0.87	0.72	1.12	**0.87**
Moore County	0.82	0.79	0.76	0.91	**0.82**
Nash County	1.42	1.31	1.00	1.14	**1.22**
New Hanover County	0.96	0.77	0.96	0.83	**0.88**
Northampton County	0.89	1.09	0.91	1.17	**1.02**
Onslow County	0.99	1.06	0.94	1.34	**1.08**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

North Carolina Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Orange County	0.87	1.25	0.86	1.32	**1.08**
Pamlico County	0.65	0.84	0.76	1.21	**0.87**
Pasquotank County	0.91	0.85	0.93	1.01	**0.92**
Pender County	0.96	0.84	1.07	0.92	**0.95**
Perquimans County	0.79	0.72	0.75	1.00	**0.82**
Person County	0.70	0.86	0.70	1.04	**0.83**
Pitt County	0.86	0.92	0.91	1.20	**0.97**
Polk County	0.60	0.49	0.56	0.56	**0.55**
Randolph County	0.81	0.86	0.84	1.05	**0.89**
Richmond County	0.86	0.87	0.92	1.10	**0.94**
Robeson County	0.87	0.84	0.89	1.08	**0.92**
Rockingham County	0.80	0.70	0.86	0.77	**0.78**
Rowan County	0.88	0.80	0.87	0.95	**0.87**
Rutherford County	0.69	0.72	0.62	0.84	**0.71**
Sampson County	0.88	0.77	0.81	0.97	**0.85**
Scotland County	0.67	0.66	0.71	0.85	**0.72**
Stanly County	0.74	0.82	0.70	1.09	**0.84**
Stokes County	0.87	0.85	0.95	1.16	**0.96**
Surry County	0.67	0.61	0.64	0.74	**0.66**
Transylvania County	0.97	1.56	0.83	1.71	**1.27**
Union County	0.86	1.03	0.85	1.26	**1.00**
Vance County	0.90	0.85	0.91	1.07	**0.93**
Wake County	0.90	1.14	1.00	1.78	**1.21**
Warren County	0.88	0.74	1.38	1.03	**1.01**
Washington County	0.89	4.23	2.53	2.89	**2.63**
Watauga County	0.70	0.65	0.70	0.67	**0.68**
Wayne County	0.89	0.86	0.90	1.07	**0.93**
Wilkes County	0.75	0.95	0.77	1.28	**0.94**
Wilson County	0.89	0.77	0.96	1.01	**0.91**
Yadkin County	0.79	1.16	0.81	1.51	**1.07**
Yancey County	0.71	2.28	0.70	0.97	**1.16**
State Average	**0.82**	**0.92**	**0.84**	**1.07**	**0.91**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

South Carolina Manufacturing Performance Index					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Abbeville County	0.72	0.85	0.73	1.17	**0.87**
Aiken County	0.91	1.09	0.96	1.35	**1.08**
Allendale County	0.65	0.80	0.82	1.04	**0.83**
Anderson County	0.84	1.10	0.85	1.38	**1.04**
Bamberg County	0.84	1.02	0.83	1.34	**1.01**
Barnwell County	0.75	0.63	0.77	0.84	**0.75**
Beaufort County	0.81	0.68	0.62	0.83	**0.74**
Berkeley County	1.01	0.99	0.53	1.11	**0.91**
Calhoun County	0.82	1.04	0.89	1.07	**0.96**
Charleston County	0.97	1.41	1.09	2.05	**1.38**
Cherokee County	0.85	0.99	0.81	1.14	**0.95**
Chester County	0.70	1.11	0.71	1.06	**0.89**
Chesterfield County	0.80	0.97	0.80	1.33	**0.98**
Clarendon County	0.71	0.49	0.75	0.43	**0.60**
Colleton County	0.81	0.55	0.83	0.79	**0.75**
Darlington County	0.73	0.68	0.75	0.84	**0.75**
Dillon County	0.84	0.74	0.87	1.02	**0.87**
Dorchester County	0.79	1.06	0.82	1.25	**0.98**
Edgefield County	0.77	0.82	0.73	1.07	**0.85**
Fairfield County	0.46	1.36	0.78	1.43	**1.01**
Florence County	0.76	0.71	0.88	1.02	**0.84**
Georgetown County	0.96	0.97	0.92	1.24	**1.02**
Greenville County	0.93	0.96	1.02	1.34	**1.06**
Greenwood County	0.86	0.83	0.90	1.16	**0.94**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis

South Carolina Manufacturing Performance Index (Con't)					
County	**Pre-recession Employment**	**Post-recession Employment**	**Pre-recession Earnings**	**Post-recession Earnings**	**Overall MPI**
Hampton County	0.69	0.46	0.65	0.56	**0.59**
Horry County	0.75	0.77	0.76	0.87	**0.79**
Jasper County	0.62	0.62	0.60	0.95	**0.70**
Kershaw County	0.78	0.84	0.82	1.05	**0.87**
Lancaster County	0.63	0.97	0.70	0.96	**0.82**
Laurens County	1.07	1.72	0.84	1.76	**1.35**
Lee County	1.04	0.85	1.02	1.12	**1.01**
Lexington County	0.86	0.96	0.89	1.57	**1.07**
McCormick County	0.64	0.67	0.68	1.17	**0.79**
Marion County	0.58	0.42	0.58	0.53	**0.53**
Marlboro County	0.88	0.94	0.90	1.09	**0.95**
Newberry County	0.97	1.08	1.05	1.27	**1.09**
Oconee County	0.92	1.13	0.88	1.48	**1.10**
Orangeburg County	0.82	0.75	0.78	0.93	**0.82**
Pickens County	0.78	0.82	0.84	1.18	**0.90**
Richland County	0.91	0.90	0.99	1.16	**0.99**
Saluda County	1.04	1.16	1.08	1.44	**1.18**
Spartanburg County	0.86	1.14	0.87	1.33	**1.05**
Sumter County	0.79	0.85	0.79	1.12	**0.89**
Union County	0.70	0.89	0.67	1.15	**0.85**
Williamsburg County	1.05	1.12	0.93	1.05	**1.03**
York County	0.85	1.06	0.85	1.36	**1.03**
State Average	**0.82**	**0.91**	**0.82**	**1.14**	**0.92**

Source: Bureau of Labor Statistics and Bureau of Economic Analysis