

Spelman College Census Information Center

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Spelman College

A Choice to Change the World

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Introduction

Happy New Year! During 2009, we highlighted many critical issues to the Atlanta, Georgia, the Atlanta University Center and the West End community. Many issues were covered, such as racial demographics in Atlanta, the impact of the Census 2010, women’s health and well-being, the 2009 mayoral election, and public transportation.

For the first newsletter of 2010, we will be profiling workers living in and around the Atlanta University Center. We will focus on a variety of characteristics of these workers, including monthly earnings and jobs by industry type. To gather this information, we utilized a valuable resource from the US Census: the Longitudinal-Employer Household Dynamics Survey.

Useful Resources

www.census.gov

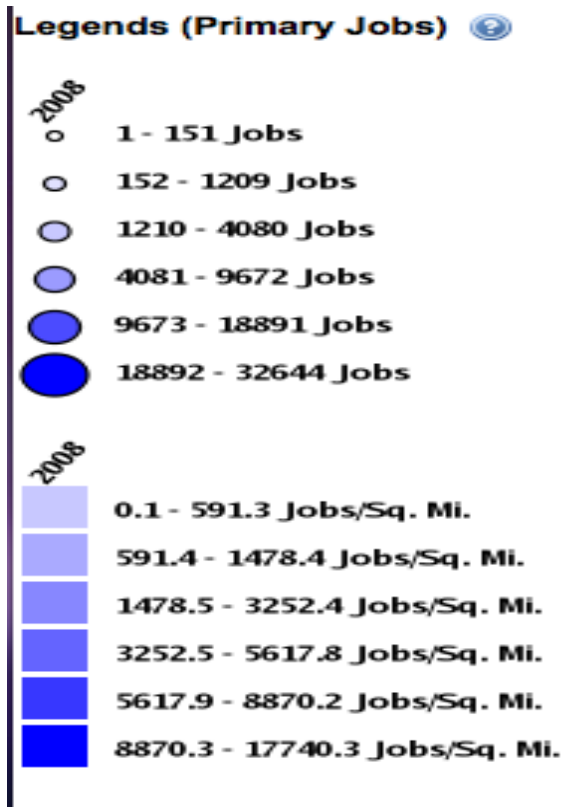
www.cdc.gov/scientific.htm

www.quickfacts.census.gov/qfd/states/13000.html

What is the Longitudinal-Employer Household Dynamics Survey?

In the December 2009 newsletter, we discussed the Longitudinal-Employer Household Dynamics Survey. This resource, available through the US Census, is useful because it provides information about local labor market conditions. It is available at <http://lehd.did.census.gov/led>, and features many easy-to-use and free products. These products include the “OnTheMap” tool, QWI Online, the Community Economic Development (CED) HotReport, Industry Focus, and e-Learning Modules. For the month of January, we will highlight the “OnTheMap” tool. This interactive tool allows users to create, view, print and download workforce related maps, profiles, and underlying data (US Census Bureau 2009). Data is currently available annually from 2002 to 2006 for 46 states (US Census Bureau 2010).

The following 3 maps were generated using the LEHD “OnTheMap” concentric ring analysis resource, and feature employment patterns in a 5 mile, 10 mile, and 15 mile radius of Spelman College. In the following maps, the blue points represent employment locations within the respective distance from Spelman College for 2008. Each point represents one Census Block. Although visible and identical for each of the maps, a larger version of the map legend is provided here.



“OnTheMap” Tool of the LEHD Survey

As Figures 1, 2, and 3 show, the density of jobs varies depending on the distance from Spelman College.

Figure 1: Number of Primary Jobs within 5 miles of Spelman College, 2008

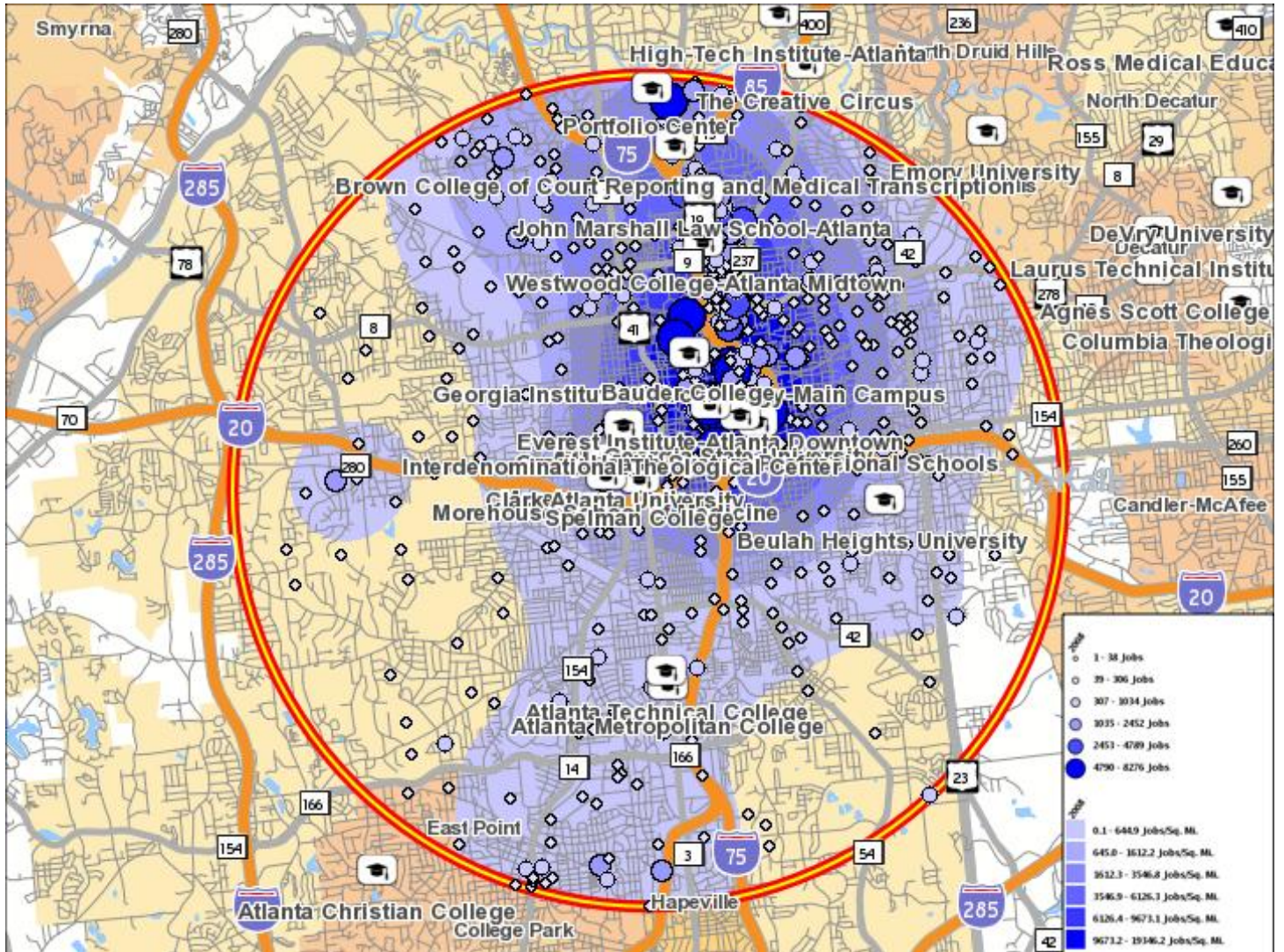
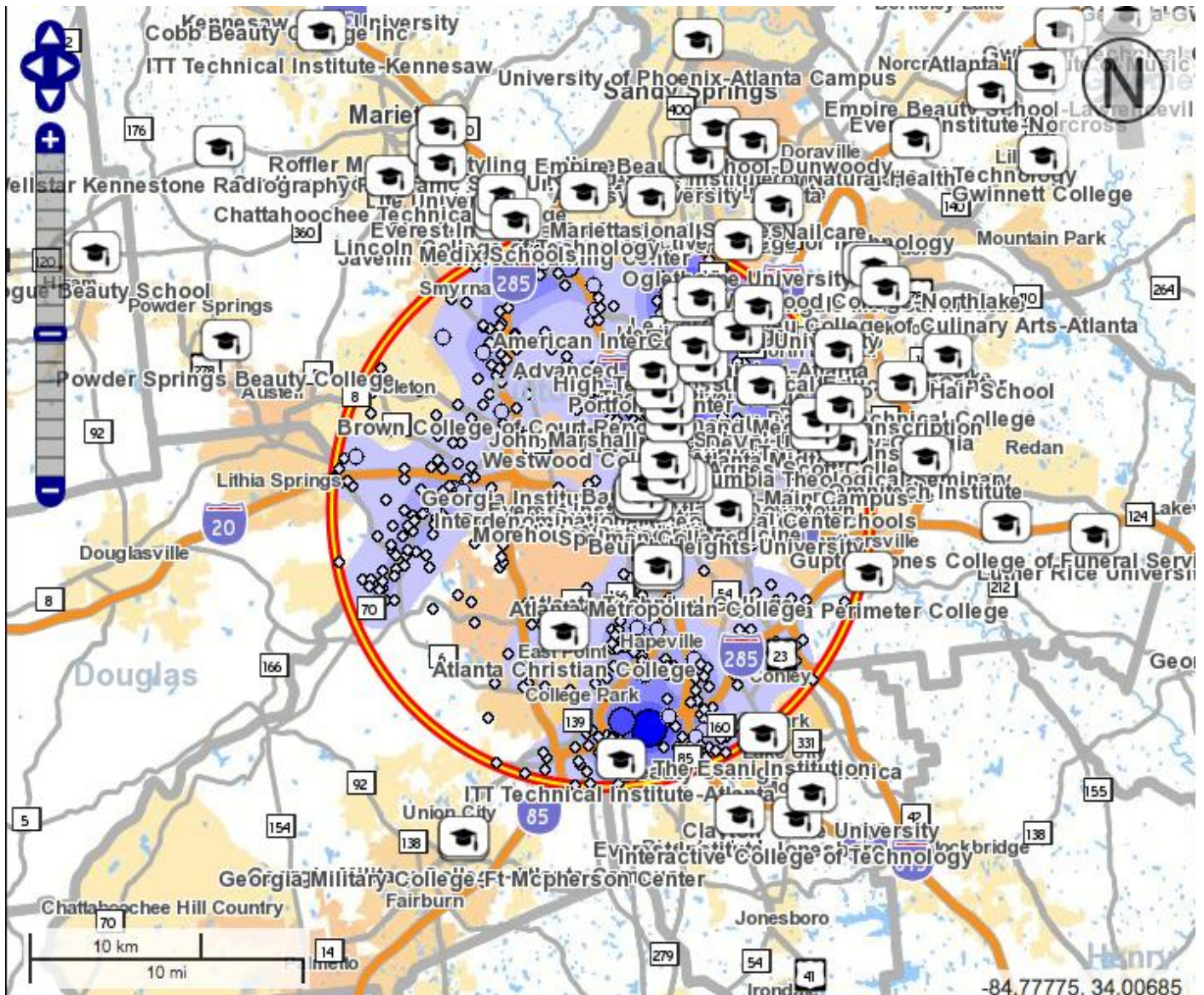


Figure 1 demonstrates that within the 5-mile radius of Spelman College, the largest number of primary jobs in 2008 is located close to the intersection of Atlanta interstates I-75 and I-20. The further one travels from the city center, the fewer primary jobs can be found in the 5-mile radius. Table 1 on page 6 shows that there are 347,360 primary jobs within a 5-mile radius of Spelman College. The majority of workers (62.6%) employed at these 347,360 jobs are aged 31 to 54 years. With respect to average earnings, 48.8% of the jobs in this concentric ring of the analysis pay \$3,333 or more per month (See Table 2 on pg.7). In comparison, relatively few (16.1%) of the jobs in this area are low paying (\$1250 or less per month) and approximately one-third (36.1%) fall in the middle range (\$1,251 to \$3,333 per month).

“OntheMap” Tool (continued)

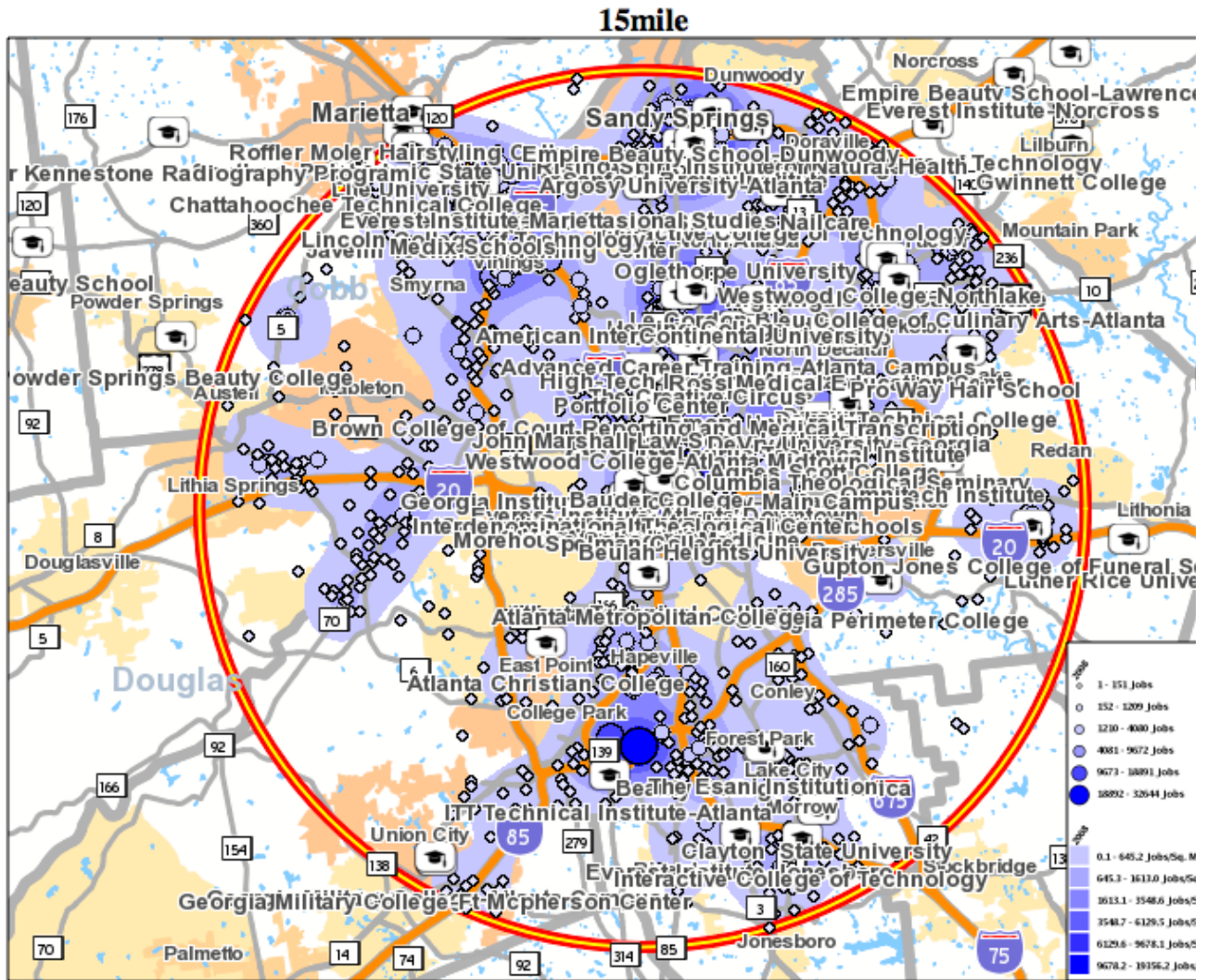
Figure 2: Number of Primary Jobs within 10 miles of Spelman College, 2008



Expanding the study area from 5 miles to 10 miles from Spelman College generates interesting and different results. The map in Figure 2 depicts additional areas of concentrations of primary jobs. Figure 2 shows that many jobs are concentrated close to the Atlanta airport, near College Park, GA as well as west of I-285, near Smyrna, GA and Lithia Springs, GA. According to the data in Table 1 on page 6, there were 777,791 jobs in this area in 2008. This is almost double the number of primary jobs within the 5-mile radius. However, there are similarities between the 5-mile and 10-mile concentric ring analysis: the vast majority of workers in both areas are aged 31 to 54 years old (see Table 1). Similarly, the percentage breakdown of average monthly earnings is comparable. The majority of jobs in this area pay \$3,333 per month or more. Further analysis of all concentric rings will elucidate additional similarities.

Distribution of Jobs within 5, 10, and 15 mile radius of Spelman College

Figure 3: Number of Primary Jobs within 15 miles of Spelman College, 2008



The number of primary jobs within a 15-mile radius of Spelman College is 1,160,419. As Figure 3 shows, additional concentrations of jobs appear when we expanded the ring of the concentric analysis to 15 miles. Dunwoody, GA, and Jonesboro, GA, are now included in the analysis, and represent 2 more areas with primary jobs. In comparison to the 5-mile and 10-mile concentric ring analysis, there are relatively few points of difference. For example, most of the workers in these primary jobs are also aged 31 to 54 years of age. *Regardless of distance* from Spelman, the majority of workers fall into one age category: 31 to 54 years. The average monthly earnings at this level of analysis are also \$3,333 or more per month (See Table 2). We can also conclude that, *regardless of distance* from Spelman, most primary jobs pay \$3,333 or more per month.

Jobs by Earnings Paid within 5, 10, and 15 mile radius of Spelman College

Table 1

Total Primary Jobs	5 mile radius		10 mile radius		15 mile radius	
	2008		2008		2008	
	Count	Percent	Count	Percent	Count	Percent
	Total Primary Jobs	347,360	100.0%	777,791	100.0%	1,160,419
	2008		2008		2008	
<u>Jobs by Worker Age</u>	Count	Percent	Count	Percent	Count	Percent
Age 30 or younger	75,098	21.6%	174,056	22.4%	263,089	22.7%
Age 31 to 54	217,292	62.6%	484,005	62.2%	717,596	61.8%
Age 55 or older	54,970	15.8%	119,730	15.4%	179,734	15.5%

<u>Industry Type</u>	Count	Percent	Count	Percent	Count	Percent
Retail Trade	17,477	5.0%	55,114	7.1%	101,978	8.8%
Transportation and Warehousing	13,273	3.8%	82,395	10.6%	99,553	8.6%
Information	23,455	6.8%	37,289	4.8%	51,813	4.5%
Finance and Insurance	13,768	4.0%	39,005	5.0%	62,600	5.4%
Real Estate and Rental and Leasing	6,972	2.0%	19,582	2.5%	27,543	2.4%
Professional, Scientific, and Technical Services	36,698	10.6%	72,892	9.4%	105,566	9.1%
Management of Companies and Enterprises	7,111	2.0%	20,440	2.6%	29,116	2.5%
Administration & Support, Waste Management and Remediation	19,847	5.7%	58,878	7.6%	92,086	7.9%
Educational Services	41,579	12.0%	62,380	8.0%	91,727	7.9%
Health Care and Social Assistance	41,387	11.9%	73,235	9.4%	116,329	10.0%
Arts, Entertainment, and Recreation	5,674	1.6%	9,227	1.2%	11,890	1.0%

<u>Industry Type</u>	Count	Percent	Count	Percent	Count	Percent
Accommodation and Food Services	28,759	8.3%	65,599	8.4%	91,921	7.9%
Other Services (excluding Public Administration)	9,809	2.8%	20,654	2.7%	30,402	2.6%
Public Administration	31,372	9.0%	44,861	5.8%	53,363	4.6%

Table 2 illustrates the breakdown of the workforce area by industry type. The 5 dominant industries that employ within a 5-mile radius of Spelman College are educational services (12.0%), health care and social assistance (11.9%), professional, scientific, and technical services (10.6%), public administration (9.0%), and accommodation and food services (8.3%). This trend does vary depending on the distance from Spelman. For example, at the 10-mile radius, a new dominant industry is transportation and warehousing (10.6%). It actually surpassed the other industry types in terms of number of jobs. However, the three remaining industries at the 5-mile radius still dominate the workforce sector at the 10-mile radius: professional, scientific, and technical services (9.4%), educational services (8.0%), health care and social assistance (9.4%), and accommodation and food services (8.4%).

At the 15-mile radius, the following are the top 5 employing industries: health care and social assistance (10.0%), professional, scientific, and technical services (9.1%), transportation and warehousing (8.6%), retail trade (8.8%), and administration & support, waste management and remediation/educational services (7.9%). Outside a 10-mile radius of Spelman College, comparatively fewer jobs are found in the educational services industry. What the three rings of analysis have in common is 2 out of 5 top employing industries: health care and social assistance, and professional, scientific, and technical services. Using the "OnTheMap" tool, we have determined that most workers employed at primary jobs within a 5-mi, 10-mi, and 15-mi radius of Spelman College are aged 31 to 54 years, most workers earn more than \$3,333 per month, and that the highest-job generating industries are health care and social assistance and professional, scientific, and technical services (regardless of distance from Spelman College).

Spelman College Census Information Center

Spelman College

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The Primary Objectives are:

- Make the Spelman's CIC a resource for information on Census related data for diverse community groups
- Promote university community involvement in community development.
- Promote AUC student and faculty development and involvement in community services.
- Promote awareness of the Census as a resource base.
- Encourage AUC students and faculty to integrate Census material in their classrooms, research and career plans.

Census Information Center History

The Spelman College Census Information Center (CIC) was established in 2000 by economics professor Dr. Ronnie Tribble, and is now directed by Dr. Bruce Wade, professor and former chair of the Department of Sociology and Anthropology.

The CIC is a cooperative program between the U.S. Bureau of the Census and 52 national, regional and local non-profit organizations, and represents the interest of underserved communities.

The centers serve as repositories of census data and reports, making census information and data available to the public and the communities they serve. The CICs use census data in areas such as program planning, needs assessments, defining