

Preventing an Undercount in the South in the 2010 Census



Identifying Communities where Census Outreach is Most Needed

By Anthony E. Fairfax
and Timothy M. Stallmann

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SOUTHERN COALITION FOR SOCIAL JUSTICE

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Introduction

The Southern Coalition for Social Justice (SCSJ), a non-profit public interest organization, has initiated research and analysis to identify the communities where Census outreach is most needed in the five most affected southern states¹ (Florida, Georgia, Louisiana, North Carolina, and Virginia). In order to complete this effort the SCSJ has retained the services of Anthony Fairfax and Timothy Stallmann to conduct specific research and analysis, and to author a report on the findings.

SCSJ sought to investigate and document prior research pertaining to the Census 2000 undercount in the five most affected southern states. Therefore, other than national and state level statistics, this report’s “Study Area”² focused only on those targeted southern states.

There existed only a few reference documents describing the 2000 Census count as it relates to identifying communities where Census outreach is most needed. Therefore, the authors of this report collected the available documents from a variety of sources. The major reference data and documentation used to develop this report included:

- U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data
- U.S. Census Bureau, Census 2010 Planning Database (PowerPoint Presentation)
- U.S. General Accounting Office (GAO) Report—2010 Census Plan for Undercount Shows Promise
- Section 6 of the Final Report to Congress, Census Monitoring Board (Best Practices)

Key supplemental sources included: Technical Assessment of A.C.E. Revision II.

Background

Article I Section II of the U.S. Constitution mandates that a “head count” or census be taken each decade to determine the number of persons living within the United States and its territories. These data are used to make critical decisions, most importantly pertaining to reapportionment, redistricting, and the allocation of funds to the states and localities. The Government Accounting Office (GAO) estimated that in 2004 the top 20 formula grant programs obligated more than \$300 billion³ in federal funds to state and local governments using census data. Thus, locating and reaching out to communities where an undercount is more likely to occur is paramount to fair reapportionment, redistricting, and the allocation of federal funds.

Census Undercount & Coverage Evaluation

The 2000 Census evaluation process extended through two different “coverage evaluation estimates.” Coverage evaluation estimates are used to determine how the Census enumeration process completely counted the U.S. population. The two estimates in 2000 were known as the Accuracy Coverage & Evaluation (A.C.E.) I and Revision II.

When the Census Bureau compared the A.C.E. I estimates with the another evaluation technique known as Demographic Analysis (DA), which is believed to be more accurate on the national scale, DA results showed a much lower undercount than A.C.E. I results (340,000 for the DA estimate versus 3.3 million for the A.C.E. I estimate).⁴ After much debate and discussion the Census Bureau determined that the evaluation accomplished in the A.C.E. I included enumeration errors. Thus, the Census Bureau launched an effort to fix the detected errors and improve the coverage estimates. The end result of this effort was known as A.C.E. Revision II. The A.C.E. II results estimated that there was a net over-count of 1.3 million persons⁵ (see Table 1).

Census 2000 Count	281.4 million
A.C.E. I Count:	284.7 million
Net Undercount	3.3 million
Net Undercount Rate	1.18%
A.C.E. II Count:	280.1 million
Net Over-count	1.3 million
Net Over-count Rate	.49%

Source: U.S. Census Bureau, “Technical Assessment of A.C.E. Revision II”, March 2003

Hard-to-Count Areas

Since the 1990 census the Census Bureau has been working to identify the types of communities that have a greater risk of being undercounted.⁶ To assist with locating these communities, the Census Bureau analyzed a range of demographic, housing, and socio-economic variables that correlate to census survey’s low mail response and low enumeration coverage. The Census Bureau has designated these areas as “Hard-to-Count” (HTC) areas.

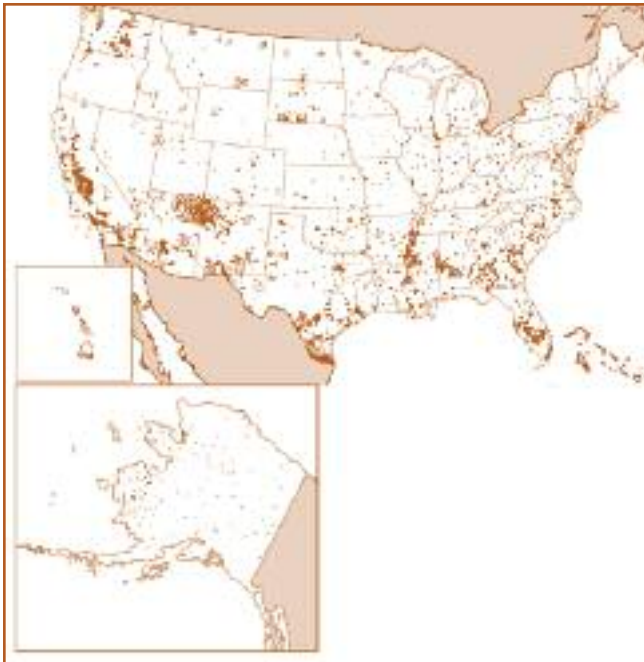
In order to determine the difficulty of these areas to be counted, the areas were given a score an HTC score. The HTC score or index, which ranged from a value of 0 to as high as 132, incorporated twelve different variables⁷:

	HTC Variable Description	Data Source
1	Percent Vacant Units—Number of vacant housing units divided by total housing	100%
2	Percent of Housing Units that are not Single detached or attached units	Sample
3	Percent Renter Occupied Unit	100%
4	Percent Occupied Units with More Than 1.5 Persons Per Room	100%
5	Percent Households that are Not Husband/Wife Families	100%
6	Percent Occupied Units with No Telephone Service	Sample
7	Percent Not High School Graduate (Ages 25+)	Sample
8	Percent People Below Poverty	Sample
9	Percent Households with Public Assistance Income	Sample
10	Percent of People Unemployed - Number of unemployed people 16 years old	Sample
11	Percent Linguistically Isolated Household	Sample
12	Percent Occupied Units Where Householder Moved Into Unit 1999-2000	Sample

Source: U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

With each variable valued from 0 to 11, the twelve combined can result in a minimum score of zero and a maximum score of 132. The higher the score the more difficult the area is to count. Analysis by the Census Bureau identified areas with a high or “strong” HTC score as those with an index number of 60 or more.⁸ Figure 1 shows the national distribution of people living in tracts with a HTC score greater than 60.

Figure 1
NATIONAL HARD-TO-COUNT POPULATION



Each dot on the map represents 250 people living in a tract with HTC score above 60. Nationally, there are 50 million people living in HTC tracts; Alaska has 148 thousand and Hawaii has 283 thousand.

Source: U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data.

The HTC data is the centerpiece of a Planning Database (PDB) utilized by the Census Bureau to assist in locating areas of the country that will be difficult to enumerate in the upcoming 2010 Census. The publicly available PDB contains data at the census tract level. In addition to the twelve HTC variables, the PDB includes 35 other geographic, demographic, and socioeconomic variables to further assist with identifying difficult to reach areas.

Locating Communities in Need

For the most part, data for locating communities of need for the upcoming Census 2010 are limited to a few general options. Specifically, utilizing: 1) the Census PDB; and 2) previous coverage evaluations for counties that contained an undercount in 2000 (A.C.E. I or II). That being said, the Methodology Section 3 discusses an alternative option that we developed which relies on a composite risk score assigned to each study area county.

Currently, the publicly available PDB⁹ of Hard-to-Count areas provided the best solution for targeting the smallest geographic areas—the census tract level. However, there are 8,956 tracts contained in the Study Area and 1,606 of those have HTC scores above or equal to 60 (the highest HTC range). Instead of simply listing each of the HTC tracts, we decided to implement an arguably more manageable approach to define the communities in need. It was decided to focus and list higher geographic levels, specifically: census places (places) and counties.

Tables were created listing the places and their associated HTC population (*see Table 8*). The place’s HTC population was estimated by aggregating the population of all contained census tracts with an HTC score greater than or equal to 60. The resulting total was deemed the HTC population for the place. Where a place overlaps a census tract the proportionate population was aggregated according to the amount of area contained in the place.

Similar tables were constructed for the study area counties resulting in the HTC population for the county (*see Table 9*). However, all counties contained in the study area did not contain a census tract with an HTC score greater than or equal to 60. Because of this potential, the composite risk score was added to the county table. The county table with the composite Risk score enables targeting utilizing the A.C.E. II undercount, HTC population, and the more current 2007 ACS data.

Nonetheless, whether focusing on communities using places or counties, a secondary step of analyzing the PDB’s census tract HTC scores contained inside those jurisdiction should be considered to prioritize their outreach. Counties with no census tracts above 60 HTC could use the highest scores to target or even other demographic or socioeconomic factors (race, ethnicity, poverty levels, etc.). In the end, the combination of utilizing places as well as counties with risk scores should yield a fairly complete list of potential jurisdictions where the community is in need of outreach for the upcoming Census 2010.

Methodology

The goal for this section of the report was to identify areas where census outreach is most needed. In identifying areas where census outreach is needed, or areas at high-risk for an undercount in 2010, we used three separate criteria. Based on each criterion, we identified a list of high-risk counties. Then, we combined these three lists to come up with a composite list of high-risk counties in the study area, along with a composite risk factor score. The composite score was a sum of three factors, each measured on a scale of 0 to 1:

- 1.** A.C.E. II estimated undercount. At the county level we looked at the net undercount as estimated by the A.C.E. II evaluation survey. While demographic characteristics and the implementation of the census survey both will have some important differences in 2010, counties with a large net undercount in 2000 are certainly at risk for a large undercount in 2010. Out of 525 study-area counties, only 145 had net positive undercounts. A county scored on this factor only if it had an A.C.E. II net undercount rate greater than the study-area total of -0.18%, and a county's score was equal to the percentile rank of its A.C.E. II estimated undercount rate.
- 2.** Composite HTC score. Only 12 of the study-area counties had a (population-weighted) average HTC score above 60 (the Census Bureau tract-level cutoff). However, around 40% of the counties in the study area contained census tracts with an HTC score over 60. For this factor, we used the fraction of a county's population living in tracts with HTC scores above 60.
- 3.** 2007 American Community Survey (ACS) data. Both of the first two criteria present problems because they are based on 2000 data, while many parts of the study area have seen large demographic changes since 2000. While some counties in the study area did not have large enough populations for ACS data yet to be available, where data was available we used it to identify which counties might be at high-risk in 2010 because of changes since 2000. Since in 2000 both areas with a high percentage of the population in rental housing and areas with a large non-white population had high undercounts (and low mail-response rates), we used the 2005-2007 ACS averages to identify counties which matched either of these characteristics. A county's score on this factor was equal to the average of the percent of its population identified as non-white and the percent of its population living in rental units, according to the ACS data. Both numbers were standardized so that the total score range for this factor was 0-1, and counties for which ACS data was not available were assigned a score equal to the average of counties for which data was available, 0.36.

Jurisdictions Where Outreach is Most Needed

The following section is intended to highlight the top Hard-to-Count areas by state, county, and census place.

States by Hard-to-Count Index

Florida had the highest average HTC score of the states included in the study area with 78 (see Table 3). The state also had the highest number of Hard-to-Count persons in the study area at 2,981,402 persons. Georgia followed behind at 1,257,940 persons residing in HTC tract areas. The state with the largest percentage of the population residing in high HTC tracts (greater than or equal to HTC 60) was Louisiana at 19.6% of the total population. Virginia included the lowest percentage of high HTC tracts with 7.5%.

Top 20 Counties by Hard-to-Count Population

Miami-Dade, Florida had the highest HTC population (the population residing in census tracts with greater than or equal to an HTC index of 60) of all counties contained in the study area with 995,009 (see Table 4). Broward, Florida was second with a population of over three hundred thousand (319,718). Miami-Dade, Florida contained over 157 census tracts with greater an HTC score greater than 60. Orleans, Louisiana was second with 102 census tracts.

Table 3
STUDY AREA STATES BY HARD-TO-COUNT INDEX

Rank	State	Total Pop	#Tracts w/>= 60 HTC	HTC Pop	HTC Pop%
1	FL	15,982,265	612	2,981,402	18.7%
2	GA	8,186,435	328	1,257,940	15.4%
3	LA	4,468,809	280	874,388	19.6%
4	NC	8,049,313	223	816,393	10.1%
5	VA	7,078,486	163	530,209	7.5%

Source: U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

Twelve of the top 20 counties by Hard-to-Count population had an A.C.E. II undercount. Dekalb, Georgia had the largest A.C.E. II rate at 1.9%. Florida contained the largest number of counties in the top 20 with 10. Louisiana was second with four counties in the top 20. Fourteen out of the top 20 HTC counties had a predominantly White population. Three of the top 20 were predominantly Black.

Table 4
TOP 20 STUDY AREA COUNTIES BY HARD-TO-COUNT POPULATION

County	State	ACE I Rate	ACE II Rate	Total Pop	#Tracts w/>=60 HTC	Race/Ethn	HTC Pop	HTC Pop%
Miami-Dade	Florida	1.90%	-0.26%	2253362	157	H	995009	44%
Broward	Florida	1.20%	-0.55%	1623018	58	W	319719	20%
Fulton	Georgia	2.11%	1.01%	816006	78	O	260562	32%
Orleans	Louisiana	2.16%	1.61%	484674	102	B	239190	49%
Hillsborough	Florida	1.19%	-0.59%	998948	59	W	230220	23%
Orange	Florida	1.29%	-0.03%	896344	43	W	193355	22%
Palm Beach	Florida	1.03%	-0.85%	1131184	45	W	189731	17%
DeKalb	Georgia	2.19%	1.90%	665865	21	B	125433	19%
Mecklenburg	North Carolina	1.69%	0.39%	695388	34	W	117292	17%
Pinellas	Florida	0.85%	-1.05%	921482	28	W	106440	12%
East Baton Rouge	Louisiana	1.46%	0.17%	412852	28	W	105564	26%
Duval	Florida	1.21%	0.28%	778879	26	W	97933	13%
Polk	Florida	1.34%	-1.34%	483924	28	W	91048	19%
Richmond city	Virginia	2.21%	1.05%	197796	30	B	85422	43%
Caddo	Louisiana	1.44%	0.09%	252153	26	W	81774	32%
Norfolk city	Virginia	2.04%	1.47%	234407	29	O	78092	33%
Cobb	Georgia	1.41%	0.61%	607758	11	W	76810	13%
Jefferson	Louisiana	1.32%	0.34%	455466	22	W	73380	16%
Alachua	Florida	1.64%	0.37%	217955	12	W	69855	32%
Leon	Florida	1.33%	-0.36%	239452	14	W	61554	26%

Source: U.S. Census Bureau Census 2000 SF1 Data, U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

Table 5
TOP 20 STUDY AREA COUNTIES BY HARD-TO-COUNT POPULATION PERCENTAGE

County	State	ACE I Rate	ACE II Rate	Ttlpop	#Tracts w/>= 60 HTC	Race/Ethn	HTC Pop	HTC Pop%
Hardee	FL	2.14%	0.40%	26938	4	W	26938	100%
Long	GA	1.43%	-0.34%	10304	2	W	10304	100%
Hendry	FL	2.06%	-1.00%	36210	5	O	36068	99%
Stewart	GA	0.95%	0.34%	5252	2	B	4232	81%
Tensas	LA	1.11%	0.20%	6618	2	B	5201	79%
Jenkins	GA	1.11%	0.22%	8575	1	W	6587	77%
Hancock	GA	0.77%	-0.94%	10076	2	B	7491	74%
East Carroll	LA	1.20%	0.25%	9421	2	B	6904	73%
Clay	GA	0.93%	0.47%	3357	1	B	2434	73%
Macon	GA	0.97%	-0.77%	14074	2	B	10129	72%
Candler	GA	1.40%	-0.85%	9577	2	W	6635	69%
Baker	GA	0.93%	-1.52%	4074	1	B	2643	65%
DeSoto	FL	1.96%	-0.03%	32209	3	W	20715	64%
Turner	GA	1.09%	0.33%	9504	1	W	6035	63%
Echols	GA	1.83%	1.16%	3754	1	W	2197	59%
Atkinson	GA	1.54%	-1.13%	7609	1	W	4253	56%
Taylor	GA	0.89%	-0.49%	8815	1	W	4914	56%
Martinsville city	VA	1.27%	0.58%	15417	3	W	8580	56%
Glades	FL	1.26%	-2.53%	10542	1	W	5669	54%
Crisp	GA	1.59%	-0.43%	21996	2	W	11786	54%

Source: U.S. Census Bureau Census 2000 SF1 Data, U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

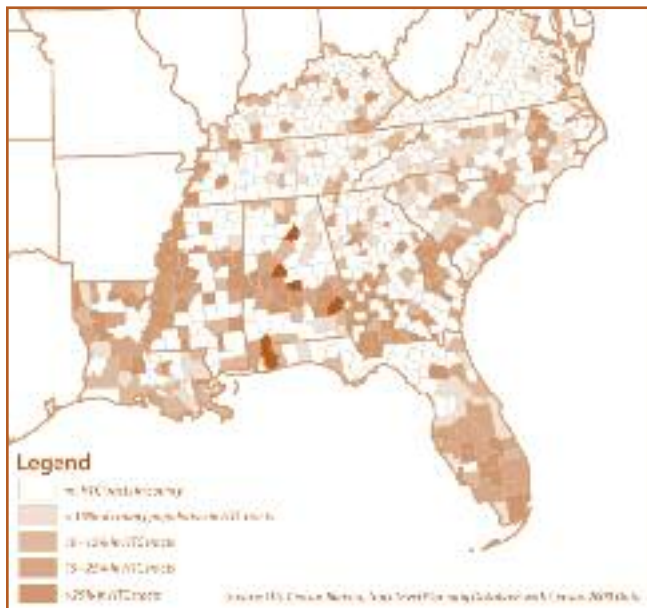


Figure 2

HARD-TO-COUNT POPULATION FOR SOUTHERN COUNTIES

Source: U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

Top 20 Counties by Hard-to-Count Population Percentage

Hardee, Florida and Long, Georgia had the highest HTC population percentage (the HTC population divided by the total population) of all counties contained in the study area with 100% (see Table 5). Hendry, Florida was a close second with a HTC population percentage of over 99%.

Nine of the top 20 counties by Hard-to-Count population had an A.C.E. II undercount. Echols, Georgia had the largest A.C.E. II rate at 1.16%. Georgia contained the largest number of counties in the top 20 with 13. Florida was second with four counties in the top 20. Twelve out of the top 20 HTC counties had a predominantly White population. Seven of the top 20 were predominantly Black.

Table 6
TOP 20 STUDY AREA PLACES BY ESTIMATED
HARD-TO-COUNT POPULATION

Rank	Place	State	Total Pop	HTC Pop	HTC Pop%
1	Miami	FL	362470	292691	81%
2	New Orleans	LA	484674	229940	47%
3	Atlanta	GA	416474	207969	50%
4	Hialeah	FL	226419	134976	60%
5	Tampa	FL	303447	124195	41%
6	Charlotte	NC	540828	114637	21%
7	Jacksonville	FL	735617	90524	12%
8	Baton Rouge	LA	227818	88157	39%
9	Richmond	VA	197790	85406	43%
10	Shreveport	LA	200145	79555	40%
11	Norfolk	VA	234403	75267	32%
12	Orlando	FL	185951	74519	40%
13	Miami Beach	FL	87933	68955	78%
14	Fort Lauderdale	FL	152397	59157	39%
15	Winston-Salem	NC	185776	53118	29%
16	Tallahassee	FL	150624	52681	35%
17	Durham	NC	187035	51043	27%
18	St. Petersburg	FL	248232	49471	20%
19	Raleigh	NC	276093	49101	18%
20	Hollywood	FL	139357	46480	33%

Source: U.S. Census Bureau Census 2000 SF1 Data, U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

Top 20 Places by Estimated Hard-to-Count Population

With 292,691 persons Miami, Florida had the largest Hard-to-Count population of census tracts with an HTC score greater than 60 (see Table 6). Eighty-one percent of the population in Miami resides in a Hard-to-Count tract with an HTC score of greater than 60. Florida had 10 cities or towns in the top 20. North Carolina was second with 4 cities/towns in the top 20.

Note: The Hard-to-Count population of each census place was estimated using the proportional amount of the census tract area residing in the census place. For example, if 50% of the census tract lies inside the census place, 50% of the tract population is assigned to the Place. In addition, only census tracts with greater than an HTC score of 60 were included in the calculation.

Top 20 Counties by Composite Risk Factor Index

This section identifies and ranks the study area counties by a risk factor index. Three separate criteria were used to develop the risk factor score. They included: 1) A.C.E. II estimated undercount; 2) Composite HTC score; and 3) 2007 American Community Survey (ACS) data.¹⁰ The scores were combined together to create a composite risk factor score. The table below ranks the top 20 study area counties according to their associated risk factor score.

Hardee, Florida remains in first place as the top county by Risk Factor Index (see Table 7). Georgia has the most counties in the top 20 with ten. Virginia takes second place with seven counties in the top 20.

All of the top counties had an undercount according to A.C.E. II with Petersburg, Virginia having the highest (2.25%) and Tensas, Louisiana having the least (.20%). Nine of the counties are predominantly African American and eight are predominantly White.

The top 20 county with the largest population was Fulton, Georgia with 816,006 and Orleans, Louisiana was second with 484,674. Fulton had an A.C.E. I undercount of 1.01% while Orleans was 1.61%.

**Table 7
TOP 20 STUDY AREA COUNTIES BY RISK SCORE**

Rank	County	State	ACE II Rate	Min%	Race/Ethn	Total Pop	HTC Pop	HTC Pop%	Risk Score
1	Hardee	Florida	0.40%	45%	W	26938	26938	100%	2.306
2	Petersburg city	Virginia	2.25%	81%	B	33740	16857	50%	2.301
3	Orleans	Louisiana	1.61%	73%	B	484674	239190	49%	2.179
4	Richmond city	Virginia	1.05%	62%	B	197790	85422	43%	2.089
5	Stewart	Georgia	0.34%	63%	B	5252	4232	81%	2.021
6	Clay	Georgia	0.47%	62%	B	3357	2434	73%	1.983
7	Norfolk city	Virginia	1.47%	51%	O	234403	78092	33%	1.970
8	Tensas	Louisiana	0.20%	57%	B	6618	5201	79%	1.940
9	Dougherty	Georgia	0.21%	62%	B	96065	40202	42%	1.938
10	Jenkins	Georgia	0.22%	44%	W	8575	6587	77%	1.936
11	Echols	Georgia	1.16%	28%	W	3754	2197	59%	1.920
12	Fredericksburg city	Virginia	0.50%	27%	W	19279	9796	51%	1.902
13	Clarke	Georgia	0.34%	37%	W	101489	43537	43%	1.884
14	Fulton	Georgia	1.01%	54%	O	816006	260562	32%	1.865
15	Hopewell city	Virginia	0.88%	38%	W	22354	6357	28%	1.851
16	Peach	Georgia	0.67%	50%	O	23668	12102	51%	1.851
17	Turner	Georgia	0.33%	44%	W	9504	6035	63%	1.836
18	Martinsville city	Virginia	0.58%	45%	W	15416	8580	56%	1.829
19	Clayton	Georgia	1.52%	64%	B	236517	41542	18%	1.827
20	Portsmouth city	Virginia	1.48%	54%	B	100565	27223	27%	1.822

Source: U.S. Census Bureau Census 2000 SF1 Data, U.S. Census Bureau, Tract Level Planning Database with Census 2000 Data

Select Past Community Outreach Efforts & Techniques

According to the Final Report to Congress by the Census Monitoring Board (CMB), the Census 2000 Partnership Program involved as many as 140,000 organizations. These organizations mostly participated in public awareness initiatives. The CMB report outlined several partnership efforts that offered “Best Practices” for community-based organizations, private sector businesses, and local governments. This section presents some of the outreach efforts that were lauded by the Census Bureau.

Outreach by Community-based Organizations

Alpha Kappa Alpha Sorority

In Atlanta, the Phi Alpha Omega Chapter of the Alpha Kappa Alpha Sorority partnered with the local census office. The sorority centered on enhancing African American participation in the census by focusing on four groups:

1. Churches
2. Schools
3. Metro Atlanta Community
4. Sorority Members

The sorority received speaker training by the Census Bureau that helped with communicating their message to the general public. The activities that the sorority participated in included: sharing census information in local schools, PTA’s and churches, to the homeless, hosting information booths and distributing fliers and promotional items at a local housing project. The Chapter completed a total of twenty-five projects over a span of two years.

The Chapter efforts were so outstanding that it was recognized as an “extraordinary” partner and awarded two grants. The grants were used to produce and disseminate Census 2000 co-branded memorabilia such as personalized Phi Alpha Omega cups, T-shirts, and mugs.

Mexican American Legal Defense and Education Fund (MALDEF)

The regional office of MALDEF lead an outreach effort directed toward five population groups that they deemed Hard-to-Count. These included:

1. Apartment Dwellers and Transients
2. Migrant Workers
3. People who worked at Poultry Plants and Factories
4. Elderly Persons
5. Children

Working with state officials and the Poultry Association, MALDEF utilized existing networks into the Hispanic community. A central effort centered on Hispanic employees whereby MALDEF distributing brochures, posters and videos to 12,000 employees in the poultry industry.

Outreach by the Private Sector

Georgia Power Company

According to the CMB Final Report, the Census Bureau contacted Georgia Power to coordinate the efforts of educating minority communities on the “value” of census participation. Georgia Power realized that the African American and Hispanic communities had several outreach efforts in place, thus, they decided to focus on the Asian American community. They and the Census Bureau identified and worked with key leaders to organize an Asian American Census Summit. The summit event drew widespread media attention with participation of over 150 leaders.

Using inserts in customers’ bills, Georgia Power advertised census jobs along with the importance of the census in people’s everyday lives. The CMB Final report states that “this initiative contributed significantly to the state’s public awareness efforts given the company’s large customer base.”

Outreach by Local Governments

Los Angeles (LA) County, California

The CMB Final Reports mentions that the LA County trained upwards of 800 employees to become what they called “Census Ambassadors.” These Census Ambassadors were trained to speak authoritatively about the census and to specifically focus on the confidentiality aspect of personal information being taken during the enumeration process. The County established a website linking to the Census’ websites to provide information. In addition, the County worked with “Walking Man,” a local organization helped to distribute census flyers to households. The flyers distributed were printed in English and in Spanish and informed residents that enumerators would be visiting their neighborhoods and should be welcomed.

Long Beach City, California

The City of Long Beach, California made the decision to partner with a large array of representatives in order to reduce the undercount in the city. The individuals represented predominantly minority:

1. Neighborhoods
2. Community Groups
3. Organizations

Long Beach made a special effort to reach out to schools to local students in a variety of ways. One example included the city’s “It’s Cool to be Counted” effort. This campaign involved “Census Guy,” who became a recognizable symbol that appeared on census materials that were distributed throughout the city. In addition, instead of the city distributing educational materials to only schools with 50% or more of the students in a lunch-free program, the city ensured that the materials were distributed throughout the entire Long Beach School district.

Finally, the CMB Final Report included that Long Beach developed census related banners, theater slides, and bus advertisements. The city also provided grant money to soccer teams, neighborhood associations, and churches for disseminating educational census materials.

Notes

- 1 These five states had the highest undercount rate of all southern states according to A.C.E. I estimates.
- 2 The states included in the Study Area were: Florida, Georgia, Louisiana, North Carolina, and Virginia.
- 3 U.S. Census Bureau, *Illustrative Simulations of Using Statistical Population Estimates for Reallocating Certain Federal Funding*, June 2006
- 4 U.S. Census Bureau, *ESCAP II: Demographic Analysis Results*, October 2001
- 5 U.S. Census Bureau, *Decision on Intercensal Population Estimates*, March 2003
- 6 U.S. Census Bureau, *Tract Level Planning Database with Census 2000 Data*
- 7 U.S. Census Bureau, *THE PLANNING DATABASE: Its Development and Use as an Effective Targeting Tool in Census 2000*, October 2003. Asterisks include reworded using Pennsylvania State University’s Census 2010 website terminology at www.pacensus2010.org
- 8 U.S. Census Bureau Population Division Presentation, *The Planning Database*, October 8, 2008
- 9 An enhanced HTC database is planned to be available in FY2009 with HTC levels below Tracts.
- 10 2007 ACS Data for some counties were not available.

Appendix A

Study Area Places by Hard-to-Count Population

LEGEND

- Rnk** State ranking according to Hard-to-Count population
- Place** Jurisdiction (City, Town, etc.)
- Class** Census classification of the jurisdiction
- StPI FIPS** State Place FIPS Code
- Total Pop** Total population
- HTC Pop** Estimated population residing in the place's census tracts with a HTC Score of greater than or equal to 60
- HTC Pop%** Hard-to-Count population divided by the total population

Table 8
STUDY AREA PLACES
BY HARD-TO-COUNT POPULATION
Florida

Rnk	Place	Class	StPIFIPS	Total Pop	HTC Pop	HTC Pop%
1	Miami	CITY	1245000	362470	292691	81%
2	Hialeah	CITY	1230000	226419	134976	60%
3	Tampa	CITY	1271000	303447	124195	41%
4	Jacksonville	CITY	1235000	735617	90524	12%
5	Orlando	CITY	1253000	185951	74519	40%
6	Miami Beach	CITY	1245025	87933	68955	78%
7	Fort Lauderdale	CITY	1224000	152397	59157	39%
8	Tallahassee	CITY	1270600	150624	52681	35%
9	St. Petersburg	CITY	1263000	248232	49471	20%
10	Hollywood	CITY	1232000	139357	46480	33%
11	North Miami	CITY	1249450	59880	39610	66%
12	Daytona Beach	CITY	1216525	64112	36427	57%
13	Gainesville	CITY	1225175	95447	32541	34%
14	Lauderhill	CITY	1239550	57585	30842	54%
15	Fountainbleau	CDP	1224562	59549	30707	52%
16	University	CDP	1273163	30736	30604	100%
17	Fort Myers	CITY	1224125	48208	30404	63%
18	West Palm Beach	CITY	1276600	82103	30133	37%
19	Golden Glades	CDP	1226375	32623	28140	86%
20	West Little River	CDP	1276487	32498	25255	78%
21	Fort Pierce	CITY	1224300	37516	25073	67%
22	Lake Worth	CITY	1239075	35133	24596	70%
23	Clearwater	CITY	1212875	108787	23634	22%
24	Country Club	CDP	1214895	36310	23419	64%
25	Pompano Beach	CITY	1258050	78191	23339	30%
26	Kissimmee	CITY	1236950	47814	22970	48%
27	Lakeland	CITY	1238250	78452	22970	29%
28	Deerfield Beach	CITY	1216725	64583	21687	34%
29	Kendall West	CDP	1236121	38034	21320	56%
30	Riviera Beach	CITY	1260975	29884	21024	70%
31	North Miami Beach	CITY	1249475	40786	19869	49%
32	Sarasota	CITY	1264175	52715	19801	38%
33	Homestead	CITY	1232275	31909	18549	58%
34	Oak Ridge	CDP	1250638	22349	18158	81%
35	Hallandale	CITY	1228450	34282	16885	49%
36	Lake Worth Corridor	CDP	1239087	18663	16478	88%
37	Egypt Lake-Leto	CDP	1220108	32782	15128	46%
38	Westview	CDP	1276950	9692	14361	148%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
39	Ocala	CITY	1250750	45943	14102	31%
40	Gladeview	CDP	1225987	14468	14035	97%
41	Lauderdale Lakes	CITY	1239525	31705	13947	44%
42	Panama City	CITY	1254700	36417	13946	38%
43	Brownsville	CDP	1209000	14393	13853	96%
44	Bradenton	CITY	1207950	49504	13805	28%
45	West and East Lealman	CDP	1275912	21753	13606	63%
46	Pine Hills	CDP	1256825	41764	13497	32%
47	Pinewood	CDP	1257250	16523	13266	80%
48	Opa-locka	CITY	1251650	14951	12616	84%
49	Sanford	CITY	1263650	38291	12449	33%
50	Delray Beach	CITY	1217100	60020	12192	20%
51	Oakland Park	CITY	1250575	30966	12118	39%
52	Norland	CDP	1249000	22995	12100	53%
53	Davie	TWN	1216475	75720	11213	15%
54	West Pensacola	CDP	1276675	21939	10952	50%
55	Sweetwater	CITY	1270275	14226	10665	75%
56	Leisure City	CDP	1239950	22152	10511	47%
57	Melbourne	CITY	1243975	71382	10078	14%
58	Ojus	CDP	1251125	16642	9934	60%
59	Pensacola	CITY	1255925	56255	9903	18%
60	Winter Haven	CITY	1278275	26487	9357	35%
61	De Land	CITY	1216875	20904	9326	45%
62	Sunny Isles Beach	CITY	1269550	15315	9290	61%
63	Cocoa	CITY	1213150	16412	9153	56%
64	Haines City	CITY	1228400	13174	8651	66%
65	West Perrine	CDP	1276700	8600	8544	99%
66	Coral Gables	CITY	1214250	42249	8355	20%
67	Plant City	CITY	1257550	29915	8170	27%
68	Belle Glade	CITY	1205200	14906	8003	54%
69	South Highpoint	CDP	1267462	8839	7852	89%
70	Brent	CDP	1208300	22257	7354	33%
71	Orlovista	CDP	1253100	6047	7311	121%
72	Pembroke Park	TWN	1255750	6299	6821	108%
73	North Bay Village	CITY	1249225	6733	6524	97%
74	Kendall	CDP	1236100	75226	6360	8%
75	Palm Bay	CITY	1254000	79413	6253	8%
76	Stuart	CITY	1268875	14633	6093	42%
77	Hialeah Gardens	CITY	1230025	19297	6021	31%
78	Sebring	CITY	1264875	9667	5985	62%
79	South Miami Heights	CDP	1267575	33522	5981	18%
80	Naranja	CDP	1247700	4034	5866	145%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
81	Lely Resort	CDP	1240037	1426	5813	408%
82	Boynton Beach	CITY	1207875	60389	5686	9%
83	Andover	CDP	1201315	8489	5557	65%
84	St. Augustine	CITY	1262500	11592	5448	47%
85	Coral Springs	CITY	1214400	117549	5420	5%
86	Immokalee	CDP	1233250	19763	5136	26%
87	Springfield	CITY	1268275	8810	4952	56%
88	West Samoset	CDP	1276740	5507	4705	85%
89	Suncoast Estates	CDP	1269275	4867	4685	96%
90	Leesburg	CITY	1239875	15956	4548	29%
91	Key West	CITY	1236550	25478	4471	18%
92	Golden Lakes	CDP	1226460	6694	4462	67%
93	Largo	CITY	1239425	69371	4431	6%
94	Southeast Arcadia	CDP	1267355	6064	4360	72%
95	New Port Richey	CITY	1248500	16117	4339	27%
96	Lake Wales	CITY	1238950	10194	4245	42%
97	Avon Park	CITY	1202750	8542	4225	49%
98	Greenacres	CITY	1227322	27569	3923	14%
99	Palatka	CITY	1253875	10033	3900	39%
100	Golden Beach	TWN	1226250	919	3884	423%
101	Princeton	CDP	1258975	10090	3844	38%
102	Fairview Shores	CDP	1221750	13898	3828	28%
103	Wahnetta	CDP	1274775	4731	3745	79%
104	Goulding	CDP	1226925	4484	3736	83%
105	Apopka	CITY	1201700	26642	3642	14%
106	Carver Ranches	CDP	1210920	4299	3619	84%
107	Westgate-Belvedere Homes	CDP	1276305	8134	3615	44%
108	Gibsonton	CDP	1225900	8752	3594	41%
109	Winston	CDP	1278200	9024	3550	39%
110	Dade City	CITY	1216125	6188	3512	57%
111	Altamonte Springs	CITY	1200950	41200	3455	8%
112	Gifford	CDP	1225925	7599	3440	45%
113	Palmetto	CITY	1254250	12571	3344	27%
114	Villas	CDP	1274512	11346	3335	29%
115	Tice	CDP	1271800	4538	3331	73%
116	Bayshore Gardens	CDP	1204350	17350	3307	19%
117	Miami Gardens	CDP	1245050	2706	3283	121%
118	Titusville	CITY	1271900	40670	3227	8%
119	Pahokee	CITY	1253800	5985	3177	53%
120	Lantana	TWN	1239375	9437	3135	33%
121	Miramar	CITY	1245975	72739	3088	4%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
122	South Bradenton	CDP	1267258	21587	3065	14%
123	Pompano Estates	CDP	1258087	3367	3034	90%
124	Pine Manor	CDP	1257025	3785	2955	78%
125	Dania Beach	CITY	1216325	20061	2925	15%
126	Fort Walton Beach	CITY	1224475	19973	2919	15%
127	Hypoluxo	TWN	1233150	2015	2795	139%
128	Lake Magdalene	CDP	1238350	28755	2786	10%
129	South Apopka	CDP	1267163	5800	2744	47%
130	South Miami	CITY	1267550	10741	2741	26%
131	Pine Castle	CDP	1256500	8803	2690	31%
132	Lake Lucerne	CDP	1238300	9132	2676	29%
133	Thonotosassa	CDP	1271725	6091	2674	44%
134	Florida City	CITY	1222975	7843	2617	33%
135	Port St. Lucie	CITY	1258715	88769	2606	3%
136	Marathon	CITY	1243000	10255	2475	24%
137	Bartow	CITY	1203675	15340	2411	16%
138	Cedar Grove	TWN	1211150	5367	2392	45%
139	Auburndale	CITY	1202550	11032	2382	22%
140	Memphis	CDP	1244175	7264	2335	32%
141	Washington Park	CDP	1275225	1257	2326	185%
142	Sky Lake	CDP	1266425	5651	2234	40%
143	Goldenrod	CDP	1226475	12871	2211	17%
144	Lutz	CDP	1241775	17081	2151	13%
145	Samoset	CDP	1263225	3440	2128	62%
146	West Ken-Lark	CDP	1276407	3412	2106	62%
147	Wimauma	CDP	1278025	4246	2080	49%
148	Winter Park	CITY	1278300	24090	2069	9%
149	Biscayne Park	VILL	1206600	3269	2062	63%
150	Crystal Lake	CDP	1215725	5341	2023	38%
151	Chambers Estates	CDP	1211557	3556	2011	57%
152	Miami Shores	VILL	1245175	10380	2008	19%
153	Cocoa West	CDP	1213225	5921	2007	34%
154	Roosevelt Gardens	CDP	1261807	1923	1988	103%
155	Tarpon Springs	CITY	1271150	21003	1909	9%
156	University Park	CDP	1273287	26538	1863	7%
157	White City	CDP	1277275	4221	1821	43%
158	Tedder	CDP	1271312	2079	1803	87%
159	Naples	CITY	1247625	20976	1796	9%
160	Ocoee	CITY	1251075	24391	1789	7%
161	Utopia	CDP	1273442	714	1764	247%
162	Lake Park	TWN	1238600	8721	1759	20%
163	Jasmine Estates	CDP	1235350	18213	1731	10%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
164	Goulds	CDP	1226950	7453	1714	23%
165	Fisher Island	CDP	1222375	467	1702	365%
166	East Dunbar	CDP	1219055	1935	1576	81%
167	Loch Lomond	CDP	1240970	3537	1501	42%
168	Schall Circle	CDP	1264547	965	1379	143%
169	Gulfport	CITY	1228175	12527	1366	11%
170	Fort Pierce South	CDP	1224387	5672	1348	24%
171	Eatonville	TWN	1219650	2432	1316	54%
172	Haverhill	TWN	1229200	1454	1292	89%
173	Pinellas Park	CITY	1256975	45658	1248	3%
174	El Portal	VILL	1220650	2505	1121	45%
175	North Fort Myers	CDP	1249350	40214	1099	3%
176	Inwood	CDP	1234000	6925	1025	15%
177	Clewiston	CITY	1213000	6460	950	15%
178	Edgewater	CDP	1219818	803	945	118%
179	Quincy	CITY	1259325	6982	945	14%
180	Arcadia	CITY	1201750	6604	877	13%
181	Palm Springs	VILL	1254450	11699	861	7%
182	De Land Southwest	CDP	1216937	1169	845	72%
183	South Bay	CITY	1267175	3859	834	22%
184	Port Salerno	CDP	1258727	10141	833	8%
185	Mangonia Park	TWN	1242900	1283	826	64%
186	Naples Manor	CDP	1247650	5186	791	15%
187	Stacey Street	CDP	1268487	958	731	76%
188	Tamarac	CITY	1270675	55588	696	1%
189	Ruskin	CDP	1262275	8321	683	8%
190	Medley	TWN	1243900	1098	606	55%
191	Dover	CDP	1218075	2798	600	21%
192	Eagle Lake	CITY	1218875	2496	537	22%
193	Fruitland Park	CITY	1224975	3186	440	14%
194	Fremd Village Padgett Island	CDP	1224837	2264	438	19%
195	Midway	CDP	1245475	1714	398	23%
196	Kendale Lakes	CDP	1236062	56901	397	1%
197	Ives Estates	CDP	1234400	17586	394	2%
198	Franklin Park	CDP	1224710	943	386	41%
199	Callaway	CITY	1209725	14233	382	3%
200	Taylor Creek	CDP	1271300	4289	366	9%
201	East Lake-Orient Park	CDP	1219212	5703	350	6%
202	Bunche Park	CDP	1209500	3972	342	9%
203	Dade City North	CDP	1216175	3319	300	9%
204	West De Land	CDP	1276087	3424	298	9%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
205	Twin Lakes	CDP	1272812	1875	262	14%
206	Okeechobee	CITY	1251200	5376	233	4%
207	Town 'n' Country	CDP	1272145	72523	207	0%
208	Crescent City	CITY	1215375	1776	193	11%
209	Paradise Heights	CDP	1254912	1310	185	14%
210	Village Park	CDP	1274487	895	182	20%
211	East Lake	CDP	1219206	29394	174	1%
212	Lacoochee	CDP	1237275	1345	159	12%
213	Canal Point	CDP	1210100	525	159	30%
214	Indiantown	CDP	1233700	5588	156	3%
215	Gretna	CITY	1227650	1709	148	9%
216	Wauchula	CITY	1275375	4368	144	3%
217	Cutler Ridge	CDP	1215975	24781	134	1%
218	Bowling Green	CITY	1207775	2892	118	4%
219	Harlem	CDP	1228925	2730	100	4%
220	Palm River-Clair Mel	CDP	1254387	17589	97	1%
221	Port La Belle	CDP	1258420	3050	91	3%
222	Mulberry	CITY	1247200	3230	49	2%
223	Hiland Park	CDP	1230575	999	45	5%
224	Pembroke Pines	CITY	1255775	137427	39	0%
225	Zolfo Springs	TWN	1279250	1641	35	2%
226	Palm Beach Gardens	CITY	1254075	35058	26	0%
227	Homestead Base	CDP	1232325	446	22	5%
228	Ellenton	CDP	1220375	3142	19	1%
229	Moore Haven	CITY	1246550	1635	13	1%
230	Winter Garden	CITY	1278250	14351	11	0%
231	Greater Sun Center	CDP	1227319	16321	10	0%
232	Lake Placid	TWN	1238625	1668	10	1%
233	Lake Harbor	CDP	1238000	195	7	4%
234	Labelle	CITY	1237225	4210	6	0%
235	Belle Glade Camp	CDP	1205225	1141	3	0%

Table 8
STUDY AREA PLACES
BY HARD-TO-COUNT POPULATION
Georgia

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
1	Atlanta	CITY	1304000	416474	207969	50%
2	Augusta-Richmond County	CITY	1304204	195182	44906	23%
3	Athens-Clarke County	CITY	1303440	100266	43485	43%
4	Macon	CITY	1349000	97255	39319	40%
5	Albany	CITY	1301052	76939	37890	49%
6	Savannah	CITY	1369000	131510	37878	29%
7	Columbus	CITY	1319007	185781	37021	20%
8	Marietta	CITY	1349756	58748	32332	55%
9	East Point	CITY	1325720	39595	23713	60%
10	North Atlanta	CDP	1356000	38579	21687	56%
11	College Park	CITY	1317776	20382	16407	80%
12	Valdosta	CITY	1378800	43724	16378	37%
13	Rome	CITY	1366668	34980	15916	46%
14	Forest Park	CITY	1330536	21447	14149	66%
15	Dalton	CITY	1321380	27912	11455	41%
16	Warner Robins	CITY	1380508	48804	11439	23%
17	Brunswick	CITY	1311560	15600	10346	66%
18	Clarkston	CITY	1316544	7231	8589	119%
19	Gainesville	CITY	1331908	25578	8317	33%
20	Roswell	CITY	1367284	79334	8042	10%
21	Norcross	CITY	1355776	8410	7510	89%
22	Statesboro	CITY	1373256	22698	6252	28%
23	Belvedere Park	CDP	1306884	18945	5496	29%
24	Smyrna	CITY	1371492	40999	5009	12%
25	LaGrange	CITY	1344340	25998	4451	17%
26	Dock Junction	CDP	1323200	6951	4439	64%
27	Experiment	CDP	1328296	3233	4311	133%
28	Waycross	CITY	1380956	15333	4266	28%
29	Griffin	CITY	1335324	23451	4189	18%
30	Chamblee	CITY	1315172	9552	4101	43%
31	Fair Oaks	CDP	1328520	8443	3995	47%
32	Doraville	CITY	1323536	9862	3792	38%
33	Carrollton	CITY	1313492	19843	3475	18%
34	Mableton	CDP	1348288	29733	3442	12%
35	Scottsdale	CDP	1369392	9803	3406	35%
36	Dublin	CITY	1324376	15857	3237	20%
37	Americus	CITY	1302116	17013	3062	18%
38	Bainbridge	CITY	1304896	11722	2776	24%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
39	Garden City	CITY	1332048	11289	2672	24%
40	Conley	CDP	1319280	6188	2545	41%
41	Moultrie	CITY	1353060	14387	2471	17%
42	Alpharetta	CITY	1301696	34854	2416	7%
43	Covington	CITY	1320064	11547	1929	17%
44	Milledgeville	CITY	1351492	18757	1793	10%
45	Tifton	CITY	1376476	15060	1757	12%
46	Thomasville	CITY	1376224	18162	1313	7%
47	Gresham Park	CDP	1335240	9215	1131	12%
48	Fitzgerald	CITY	1329528	8758	1054	12%
49	Douglas	CITY	1323872	10639	1034	10%
50	Midway-Hardwick	CDP	1351394	5135	845	16%
51	Cairo	CITY	1312400	9239	807	9%
52	Unionville	CDP	1378464	2074	784	38%
53	Oxford	CITY	1358744	1892	758	40%
54	Fort Valley	CITY	1331096	8005	542	7%
55	Lakeview Estates	CDP	1344956	2637	526	20%
56	Bibb City	TWN	1307864	510	512	100%
57	Thomson	CITY	1376280	6828	427	6%
58	Reidsville	CITY	1364512	2235	409	18%
59	Blakely	CITY	1308536	5696	406	7%
60	Avondale Estates	CITY	1304644	2609	373	14%
61	Remerton	CITY	1364596	847	352	42%
62	Quitman	CITY	1363224	4638	289	6%
63	Jonesboro	CITY	1342604	3829	254	7%
64	Montezuma	CITY	1352304	3999	248	6%
65	Cordele	CITY	1319616	11608	243	2%
66	Dawson	CITY	1321912	5058	237	5%
67	Ashburn	CITY	1303236	4419	217	5%
68	Swainsboro	CITY	1374964	6943	214	3%
69	Phillipsburg	CDP	1360508	887	195	22%
70	Metter	CITY	1351072	3879	177	5%
71	Wadley	CITY	1379864	2088	168	8%
72	Fort Gaines	CITY	1330816	1110	142	13%
73	Waynesboro	CITY	1380984	5813	137	2%
74	Camilla	CITY	1312624	5669	137	2%
75	Lyons	CITY	1348232	4169	132	3%
76	Hapeville	CITY	1336472	6180	129	2%
77	Wrens	CITY	1384456	2314	128	6%
78	Millen	CITY	1351520	3492	117	3%
79	Omega	CITY	1358184	1340	117	9%
80	Oglethorpe	CITY	1357736	1200	106	9%
81	Perry	CITY	1360340	9602	105	1%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
82	Pearson	CITY	1359808	1805	78	4%
83	Richland	CITY	1365016	1794	76	4%
84	Payne	CITY	1359584	178	75	42%
85	Meigs	CITY	1350680	1090	74	7%
86	Butler	CITY	1312120	1907	71	4%
87	Deenwood	CDP	1322080	1836	68	4%
88	Buena Vista	CITY	1311728	1664	68	4%
89	Morrow	CITY	1353004	4882	66	1%
90	Girard	TWN	1332916	227	59	26%
91	Sparta	CITY	1372584	1522	58	4%
92	Ludowici	CITY	1347784	1440	56	4%
93	Daisy	CITY	1321268	126	54	43%
94	Newton	CITY	1355244	851	42	5%
95	Keysville	TWN	1343360	180	41	23%
96	Manassas	CITY	1349504	100	41	41%
97	Bartow	TWN	1305680	223	40	18%
98	Claxton	CITY	1316600	2276	39	2%
99	Shellman	CITY	1370120	1166	33	3%
100	Sardis	TWN	1368740	1171	28	2%
101	Attapulgus	CITY	1304084	492	27	5%
102	Dunwoody	CDP	1324768	32808	14	0%
103	Adrian	CITY	1300660	579	10	2%
104	Blythe	CITY	1309040	718	8	1%
105	Lumpkin	CITY	1347980	1369	7	1%

Table 8
STUDY AREA PLACES
BY HARD-TO-COUNT POPULATION
Louisiana

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
1	New Orleans	CITY	2255000	484674	229940	47%
2	Baton Rouge	CITY	2205000	227818	88157	39%
3	Shreveport	CITY	2270000	200145	79555	40%
4	Monroe	CITY	2251410	53107	24000	45%
5	Metairie	CDP	2250115	146136	23296	16%
6	Lafayette	CITY	2240735	110257	20209	18%
7	Lake Charles	CITY	2241155	71757	18112	25%
8	Opelousas	CITY	2258045	22860	17690	77%
9	Gretna	CITY	2231915	17423	12326	71%
10	Alexandria	CITY	2200975	46342	11899	26%
11	Harvey	CDP	2233245	22226	11484	52%
12	New Iberia	CITY	2254035	32623	10939	34%
13	Kenner	CITY	2239475	70517	8424	12%
14	Natchitoches	CITY	2253545	17865	8345	47%
15	Houma	CITY	2236255	32393	6301	19%
16	Minden	CITY	2250885	13027	5396	41%
17	Bossier City	CITY	2208920	56461	5216	9%
18	Marrero	CDP	2248785	36165	4288	12%
19	Ruston	CITY	2266655	20546	4203	20%
20	Abbeville	CITY	2200100	11887	3911	33%
21	Eunice	CITY	2224565	11499	3688	32%
22	Hammond	CITY	2232755	17639	3381	19%
23	Buras-Triumph	CDP	2211020	3358	3353	100%
24	Bastrop	CITY	2204685	12988	3345	26%
25	Jennings	CITY	2238355	10986	3341	30%
26	West Ferriday	CDP	2280727	1541	3319	215%
27	Bogalusa	CITY	2208150	13365	3290	25%
28	Tallulah	CITY	2274690	9189	3243	35%
29	Chalmette	CDP	2214135	32069	3227	10%
30	Terrytown	CDP	2275180	25430	3207	13%
31	Ville Platte	CITY	2278715	8145	3030	37%
32	Morgan City	CITY	2252040	12703	2676	21%
33	Farmerville	TWN	2225160	3808	2581	68%
34	Thibodaux	CITY	2275425	14431	2504	17%
35	Franklin	CITY	2227155	8354	2315	28%
36	Pineville	CITY	2260530	13829	2179	16%
37	West Monroe	CITY	2280955	13250	2047	15%
38	Oakdale	CITY	2256540	8137	1907	23%
39	Grambling	TWN	2230515	4693	1878	40%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
40	Laplace	CDP	2242030	27684	1678	6%
41	Gardere	CDP	2228275	8992	1651	18%
42	Slidell	CITY	2270805	25695	1599	6%
43	Marksville	CITY	2248750	5537	1598	29%
44	Leesville	CITY	2243010	6753	1229	18%
45	Rayne	CITY	2263645	8552	903	11%
46	Richwood	TWN	2264660	2115	881	42%
47	Reserve	CDP	2264310	9111	879	10%
48	Dulac	CDP	2221940	2458	854	35%
49	Winnfield	CITY	2282460	5749	836	15%
50	Grand Coteau	TWN	2230760	1040	766	74%
51	Sunset	TWN	2274060	2352	643	27%
52	Westwego	CITY	2281165	10763	633	6%
53	Rayville	TWN	2263680	4234	528	12%
54	Lake Providence	TWN	2241400	5104	518	10%
55	Kentwood	TWN	2239545	2205	513	23%
56	Ferriday	TWN	2225440	3723	455	12%
57	Many	TWN	2248470	2889	386	13%
58	Coushatta	TWN	2218055	2299	357	16%
59	Avondale	CDP	2203810	5441	261	5%
60	Mansfield	CITY	2248365	5582	191	3%
61	Scott	CITY	2268475	7870	166	2%
62	Supreme	CDP	2274235	1119	148	13%
63	Amelia	CDP	2201815	2423	143	6%
64	Bridge City	CDP	2209480	8323	134	2%
65	Donaldsonville	CITY	2221240	7605	109	1%
66	Port Allen	CITY	2261790	5278	100	2%
67	Boyce	TWN	2209165	1190	74	6%
68	Tangipahoa	VILL	2274760	747	69	9%
69	Edgefield	VILL	2222850	190	29	15%
70	St. Joseph	TWN	2267495	1340	23	2%
71	Waterproof	TWN	2279940	834	19	2%
72	Edgard	CDP	2222815	2637	18	1%
73	Newellton	TWN	2253930	1482	12	1%

Table 8
STUDY AREA PLACES
BY HARD-TO-COUNT POPULATION
North Carolina

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
1	Charlotte	CITY	3712000	540828	114637	21%
2	Winston-Salem	CITY	3775000	185776	53118	29%
3	Durham	CITY	3719000	187035	51043	27%
4	Raleigh	CITY	3755000	276093	49101	18%
5	Greensboro	CITY	3728000	223891	39805	18%
6	Wilmington	CITY	3774440	75838	34859	46%
7	Fayetteville	CITY	3722920	121015	23986	20%
8	Greenville	CITY	3728080	60476	21303	35%
9	High Point	CITY	3731400	85839	21159	25%
10	Chapel Hill	TWN	3711800	48715	11723	24%
11	Rocky Mount	CITY	3757500	55893	10808	19%
12	Wilson	CITY	3774540	44405	10707	24%
13	Kinston	CITY	3735920	23688	10488	44%
14	Henderson	CITY	3730660	16095	9887	61%
15	Asheville	CITY	3702140	68889	9386	14%
16	Hickory	CITY	3731060	37222	7509	20%
17	Sanford	CITY	3759280	23220	6600	28%
18	Salisbury	CITY	3758860	26462	6588	25%
19	Concord	CITY	3714100	55977	6219	11%
20	Lenoir	CITY	3737760	16793	5989	36%
21	Boone	TWN	3707080	13472	5961	44%
22	Shelby	CITY	3761200	19477	5902	30%
23	Gastonia	CITY	3725580	66277	5618	8%
24	Asheboro	CITY	3702080	21672	5470	25%
25	New Bern	CITY	3746340	23128	5414	23%
26	Carrboro	TWN	3710620	16782	5141	31%
27	Spring Lake	TWN	3764180	8098	4975	61%
28	Elizabeth City	CITY	3720580	17188	4697	27%
29	Lexington	CITY	3738060	19953	4354	22%
30	Jacksonville	CITY	3734200	66715	4124	6%
31	Goldsboro	CITY	3726880	39043	3993	10%
32	Rockingham	CITY	3757260	9672	3983	41%
33	Graham	CITY	3727280	12833	3662	29%
34	Forest City	TWN	3724080	7549	3250	43%
35	Laurinburg	CITY	3737220	15874	3183	20%
36	Lumberton	CITY	3739700	20795	3049	15%
37	Statesville	CITY	3764740	23320	2619	11%
38	Mount Airy	CITY	3744800	8484	2609	31%
39	Thomasville	CITY	3767420	19788	2584	13%

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
40	Washington	CITY	3771220	9583	2428	25%
41	Burlington	CITY	3709060	44917	2377	5%
42	Hendersonville	CITY	3730720	10420	2174	21%
43	Albemarle	CITY	3700680	15680	2003	13%
44	Long View	TWN	3739280	4722	1511	32%
45	Glen Raven	CDP	3726460	2750	1320	48%
46	Tarboro	TWN	3766700	11138	1098	10%
47	Whiteville	CITY	3773660	5148	931	18%
48	East Spencer	TWN	3719860	1755	697	40%
49	Garner	TWN	3725480	17757	475	3%
50	Princeville	TWN	3753840	940	402	43%
51	Fairmont	TWN	3722360	2604	394	15%
52	Warsaw	TWN	3771160	3051	297	10%
53	Haw River	TWN	3730260	1908	187	10%
54	St. Pauls	TWN	3758720	2137	177	8%
55	Spencer	TWN	3763760	3355	102	3%
56	East Laurinburg	TWN	3719620	295	73	25%
57	Enfield	TWN	3721360	2347	61	3%
58	Scotland Neck	TWN	3759780	2362	50	2%
59	Hamlet	CITY	3729160	6018	47	1%
60	Hobgood	TWN	3731860	404	42	10%
61	Seven Springs	TWN	3760540	86	30	34%
62	James City	CDP	3734260	5420	20	0%
63	Hightsville	CDP	3731490	759	10	1%
64	Flat Rock	CDP	3723640	1690	9	1%

Table 8
STUDY AREA PLACES
BY HARD-TO-COUNT POPULATION
Virginia

Rnk	Place	Class	StPI FIPS	Total Pop	HTC Pop	HTC Pop%
1	Richmond	CITY	5167000	197790	85406	43%
2	Norfolk	CITY	5157000	234403	75267	32%
3	Arlington	CDP	5103000	189453	44357	23%
4	Newport News	CITY	5156000	180150	32879	18%
5	Portsmouth	CITY	5164000	100565	27122	27%
6	Roanoke	CITY	5168000	94911	23075	24%
7	Petersburg	CITY	5161832	33740	16878	50%
8	Hampton	CITY	5135000	146437	16115	11%
9	Danville	CITY	5121344	48411	15345	32%
10	Bailey's Crossroads	CDP	5104088	23166	14959	65%
11	Alexandria	CITY	5101000	128283	14455	11%
12	Lynchburg	CITY	5147672	65269	9830	15%
13	Suffolk	CITY	5176432	63677	9647	15%
14	Martinsville	CITY	5149784	15416	8579	56%
15	Chesapeake	CITY	5116000	199184	7670	4%
16	Charlottesville	CITY	5114968	45049	7596	17%
17	Seven Corners	CDP	5171216	8701	7492	86%
18	Virginia Beach	CITY	5182000	425257	6946	2%
19	Fredericksburg	CITY	5129744	19279	6878	36%
20	Hopewell	CITY	5138424	22354	6293	28%
21	Groveton	CDP	5133584	21296	5919	28%
22	Harrisonburg	CITY	5135624	40468	5591	14%
23	Hybla Valley	CDP	5139304	16721	5573	33%
24	Lake Barcroft	CDP	5143352	8906	4797	54%
25	Franklin	CITY	5129600	8346	3821	46%
26	Emporia	CITY	5125808	5665	2844	50%
27	Bellwood	CDP	5106216	5974	2812	47%
28	Dumfries	TWN	5123760	4937	2678	54%
29	Triangle	CDP	5179360	5500	1948	35%
30	Staunton	CITY	5175216	23853	1364	6%
31	Waynesboro	CITY	5183680	19520	1174	6%
32	Quantico	TWN	5165120	561	575	102%
33	Bensley	CDP	5106728	5435	366	7%
34	Accomac	TWN	5100180	547	32	6%
35	Bloxom	TWN	5108120	395	9	2%

Appendix B

Study Area Counties by Risk Scores

LEGEND

- Rank** State ranking according to composite Risk Score
- County** County name
- ACEII Rate** A.C.E. II rate of undercount
- Min%** Minority% (percentage NOT Non-Hispanic White)
- Rac/Ethn** Predominant Race/Ethnicity >= 50% (W = White, B = African American, H=Latino, O = Other)
- Rur%** Percentage of the county that is rural
- TotalPop** Total population
- HTCPop** Estimated population residing in the place's census tracts with a HTC Score of greater than or equal to 60
- HTCPop%** Hard-to-Count population divided by the total population
- >=60 HTC** Number of census tracts in the county with an HTC score greater than or equal to 60
- Avg HTC** Average HTC score of all census tracts contained with the county
- PctHTC Score** HTC score (from 0 to 1)
- ACEII Score** A.C.E. II score (from 0 to 1)
- ACS Score** ACS score (from 0 to 1)
- Risk Score** Composite score from combined PCTHTC, ACEII, and ACS scores (from 0 to 3)

Table 9
STUDY AREA COUNTIES BY COMPOSITE RISK SCORE
Florida

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
1	Hardee	0.40%	45%	W	46%	26938	26938	100%	4	67	1.000	0.882	0.424	2.306
2	Alachua	0.37%	29%	W	25%	217955	69855	32%	12	36	0.290	0.872	0.487	1.649
3	DeSoto	-0.03%	38%	W	54%	32209	20715	64%	3	60	0.500	0.709	0.417	1.625
4	Orange	-0.03%	41%	W	3%	896344	193355	22%	43	38	0.210	0.705	0.523	1.438
5	Duval	0.28%	35%	W	4%	778879	97933	13%	26	36	0.120	0.829	0.445	1.394
6	Hendry	-1.00%	55%	O	37%	36210	36068	100%	5	68	0.690	0.000	0.570	1.260
7	Miami-Dade	-0.26%	79%	H	1%	2253362	995009	44%	157	58	0.440	0.000	0.695	1.135
8	Glades	-2.53%	30%	W	73%	10576	5669	54%	1	50	0.540	0.000	NA	0.900
9	Okeechobee	-0.46%	28%	W	43%	35910	16526	46%	2	52	0.460	0.000	0.370	0.830
10	Gadsden	-0.80%	64%	B	65%	45087	11584	26%	2	47	0.260	0.000	0.523	0.783
11	Leon	-0.36%	35%	W	15%	239452	61554	26%	14	40	0.260	0.000	0.487	0.747
12	Osceola	-0.34%	39%	W	24%	172493	36375	21%	7	41	0.190	0.000	0.492	0.682
13	Hillsborough	-0.59%	36%	W	6%	998948	230220	23%	59	39	0.220	0.000	0.448	0.668
14	Broward	-0.55%	41%	W	0%	1623018	319719	20%	58	39	0.170	0.000	0.471	0.641
15	Polk	-1.34%	24%	W	20%	483924	91048	19%	28	42	0.190	0.000	0.367	0.557
16	Palm Beach	-0.85%	29%	W	2%	1131184	189731	17%	45	34	0.170	0.000	0.378	0.548
17	Highlands	-0.69%	23%	W	33%	87366	23804	27%	6	41	0.220	0.000	0.315	0.535
18	St. Lucie	-0.64%	25%	W	6%	192695	32825	17%	7	33	0.170	0.000	0.346	0.516
19	Collier	-0.85%	26%	W	10%	251377	38941	15%	8	36	0.150	0.000	0.357	0.507
20	Bay	-0.58%	16%	W	11%	148217	21835	15%	6	35	0.150	0.000	0.344	0.494

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
21	Manatee	-0.93%	19%	W	8%	264002	43594	17%	8	29	0.170	0.000	0.323	0.493
22	Escambia	-0.39%	28%	W	11%	294410	32046	11%	11	35	0.110	0.000	0.383	0.493
23	Putnam	-1.06%	24%	W	54%	70423	10865	15%	2	43	0.150	0.000	0.315	0.465
24	Monroe	-3.17%	22%	W	7%	79589	6981	9%	3	41	0.090	0.000	0.357	0.447
25	Lee	-0.90%	17%	W	12%	440888	53954	12%	13	30	0.110	0.000	0.320	0.430
26	Pinellas	-1.05%	16%	W	0%	921482	106440	12%	28	31	0.120	0.000	0.307	0.427
27	Seminole	-1.03%	24%	W	4%	365196	20787	6%	7	24	0.060	0.000	0.354	0.414
28	Martin	-1.26%	14%	W	11%	126731	17992	14%	4	25	0.140	0.000	0.253	0.393
29	Volusia	-0.84%	17%	W	9%	443343	48446	11%	13	29	0.110	0.000	0.281	0.391
30	Jackson	-1.06%	30%	W	83%	46755	NA	NA	NA	37	0.000	0.000	0.372	0.372
31	Madison	-2.15%	44%	W	79%	18733	6425	34%	1	42	0.000	0.000	NA	0.360
32	Calhoun	-0.73%	21%	W	66%	13017	NA	NA	NA	42	0.000	0.000	NA	0.360
33	Dixie	-3.19%	12%	W	77%	13827	NA	NA	NA	49	0.000	0.000	NA	0.360
34	Franklin	-1.82%	19%	W	74%	11057	NA	NA	NA	38	0.000	0.000	NA	0.360
35	Gilchrist	-1.52%	10%	W	100%	14437	NA	NA	NA	35	0.000	0.000	NA	0.360
36	Gulf	-1.58%	20%	W	67%	13332	NA	NA	NA	34	0.000	0.000	NA	0.360
37	Hamilton	-0.91%	44%	W	81%	13327	NA	NA	NA	50	0.000	0.000	NA	0.360
38	Holmes	-1.48%	10%	W	79%	18564	NA	NA	NA	43	0.000	0.000	NA	0.360
39	Jefferson	-1.11%	41%	W	100%	12902	NA	NA	NA	32	0.000	0.000	NA	0.360
40	Lafayette	-2.15%	24%	W	100%	7022	NA	NA	NA	45	0.000	0.000	NA	0.360
41	Liberty	-1.64%	25%	W	100%	7021	NA	NA	NA	49	0.000	0.000	NA	0.360
42	Taylor	-0.97%	22%	W	66%	19256	NA	NA	NA	32	0.000	0.000	NA	0.360
43	Union	-0.28%	27%	W	52%	13442	NA	NA	NA	36	0.000	0.000	NA	0.360
44	Okaloosa	-0.19%	17%	W	12%	170498	2900	2%	1	22	0.020	0.000	0.339	0.359
45	Marion	-0.70%	19%	W	39%	258916	17130	7%	5	32	0.070	0.000	0.271	0.341
46	Columbia	-1.42%	21%	W	68%	56513	3069	5%	1	40	0.000	0.000	0.331	0.331
47	Indian River	-1.03%	16%	W	8%	112947	5123	5%	1	24	0.050	0.000	0.279	0.329
48	Brevard	-0.64%	15%	W	5%	476230	31172	7%	8	24	0.070	0.000	0.247	0.317
49	Lake	-1.48%	15%	W	30%	210528	9669	5%	2	25	0.050	0.000	0.258	0.308
50	Suwannee	-0.77%	18%	W	81%	34844	NA	NA	NA	45	0.000	0.000	0.284	0.284
51	Sarasota	-0.98%	10%	W	5%	325957	20265	6%	5	21	0.060	0.000	0.219	0.279
52	Pasco	-1.57%	9%	W	15%	344765	18659	5%	4	27	0.050	0.000	0.227	0.277
53	Washington	-0.87%	18%	W	83%	20973	NA	NA	NA	41	0.000	0.000	0.276	0.276
54	Levy	-1.74%	16%	W	100%	34450	NA	NA	NA	40	0.000	0.000	0.268	0.268
55	Flagler	-0.90%	16%	W	33%	49832	NA	NA	NA	12	0.000	0.000	0.266	0.266
56	St. Johns	-0.70%	10%	W	23%	123135	6181	5%	2	27	0.050	0.000	0.211	0.261
57	Baker	-0.34%	17%	W	64%	22259	NA	NA	NA	33	0.000	0.000	0.260	0.260
58	Walton	-2.72%	11%	W	80%	40601	NA	NA	NA	38	0.000	0.000	0.255	0.255
59	Bradford	-1.08%	24%	W	66%	26088	NA	NA	NA	34	0.000	0.000	0.253	0.253
60	Clay	-0.37%	14%	W	25%	140814	NA	NA	NA	16	0.000	0.000	0.247	0.247
61	Sumter	-0.89%	21%	W	51%	53345	NA	NA	NA	35	0.000	0.000	0.242	0.242
62	Wakulla	-1.42%	14%	W	100%	22863	NA	NA	NA	25	0.000	0.000	0.224	0.224
63	Santa Rosa	-0.58%	9%	W	29%	117743	NA	NA	NA	20	0.000	0.000	0.216	0.216

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
64	Nassau	-0.60%	10%	W	51%	57663	NA	NA	NA	20	0.000	0.000	0.214	0.214
65	Charlotte	-0.86%	9%	W	10%	141627	NA	NA	NA	18	0.000	0.000	0.180	0.180
66	Hernando	-0.98%	10%	W	24%	130802	NA	NA	NA	21	0.000	0.000	0.167	0.167
67	Citrus	-1.16%	6%	W	43%	118085	NA	NA	NA	22	0.000	0.000	0.167	0.167

Table 9
STUDY AREA COUNTIES BY COMPOSITE RISK SCORE
Georgia

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
1	Stewart	0.34%	63%	B	100%	5252	4232	81%	2	59	0.810	0.851	NA	2.021
2	Clay	0.47%	62%	B	100%	3357	2434	73%	1	56	0.730	0.893	NA	1.983
3	Dougherty	0.21%	62%	B	13%	96065	40202	42%	13	53	0.420	0.796	0.721	1.938
4	Jenkins	0.22%	44%	W	65%	8575	6587	77%	1	61	0.770	0.806	NA	1.936
5	Echols	1.16%	28%	W	100%	3754	2197	59%	1	60	0.590	0.970	NA	1.920
6	Clarke	0.34%	37%	W	9%	101489	43537	43%	12	66	0.430	0.850	0.604	1.884
7	Fulton	1.01%	54%	O	2%	816006	260562	32%	78	56	0.320	0.962	0.583	1.865
8	Peach	0.67%	50%	O	36%	23668	12102	51%	3	50	0.510	0.920	0.421	1.851
9	Turner	0.33%	44%	W	48%	9504	6035	63%	1	56	0.630	0.846	NA	1.836
10	Clayton	1.52%	64%	B	1%	236517	41542	18%	7	36	0.180	0.989	0.659	1.827
11	DeKalb	1.90%	67%	B	0%	665865	125433	19%	21	35	0.170	0.992	0.651	1.813
12	Muscogee	0.75%	50%	O	3%	186291	37482	20%	18	45	0.200	0.931	0.583	1.715
13	Lowndes	0.91%	38%	W	32%	92115	20970	23%	6	39	0.230	0.950	0.508	1.688
14	Bibb	0.33%	50%	W	15%	153887	42516	28%	19	54	0.270	0.848	0.565	1.683
15	Liberty	2.67%	54%	O	20%	61610	NA	NA	NA	45	0.000	1.000	0.661	1.661
16	Ware	0.75%	31%	W	28%	35483	10454	29%	3	47	0.290	0.933	0.405	1.628
17	Richmond	0.09%	55%	B	8%	199775	45049	23%	14	51	0.230	0.756	0.609	1.596
18	Grady	-0.03%	36%	W	62%	23659	9946	42%	2	49	0.420	0.703	0.464	1.586
19	Randolph	0.79%	61%	B	53%	7791	2203	28%	1	59	0.280	0.941	NA	1.581
20	Spalding	0.36%	34%	W	41%	58417	14298	24%	3	35	0.240	0.861	0.456	1.557
21	Terrell	0.18%	62%	B	55%	10970	3734	34%	1	50	0.340	0.785	NA	1.485
22	Sumter	-0.05%	52%	O	43%	33200	8566	26%	2	47	0.260	0.691	0.510	1.462
23	McDuffie	0.27%	39%	W	61%	21231	5049	24%	1	43	0.240	0.823	0.397	1.460
24	Chatham	-0.02%	45%	W	6%	232048	51989	22%	25	45	0.190	0.714	0.529	1.433
25	Cobb	0.61%	30%	W	1%	607751	76810	13%	11	22	0.130	0.912	0.385	1.428
26	Houston	0.40%	30%	W	15%	110765	12819	12%	3	29	0.120	0.884	0.391	1.394
27	Glynn	0.04%	30%	W	24%	67568	15624	23%	3	37	0.230	0.739	0.419	1.388
28	Rockdale	0.42%	27%	W	15%	70111	4659	7%	1	19	0.070	0.886	0.432	1.388
29	Long	-0.34%	34%	W	89%	10304	10304	100%	2	65	1.000	0.000	NA	1.360
30	Chattahoochee	2.48%	43%	W	21%	14882	NA	NA	NA	40	0.000	0.998	NA	1.358
31	Camden	1.96%	25%	W	35%	43664	NA	NA	NA	33	0.000	0.994	0.362	1.356
32	Troup	0.11%	34%	W	44%	58779	8533	15%	2	34	0.150	0.764	0.430	1.343
33	Taliaferro	1.00%	62%	B	100%	2077	NA	NA	NA	56	0.000	0.960	NA	1.320
34	Whitfield	-0.08%	27%	W	32%	83525	20367	24%	4	35	0.240	0.682	0.396	1.318
35	Baldwin	0.16%	46%	W	34%	44700	3008	7%	1	47	0.070	0.779	0.453	1.302
36	Lamar	0.79%	32%	W	58%	15912	NA	NA	NA	27	0.000	0.937	NA	1.297
37	Hall	0.08%	28%	W	33%	139277	19197	14%	3	32	0.140	0.752	0.398	1.291
38	Jeff Davis	0.73%	21%	W	68%	12684	NA	NA	NA	46	0.000	0.922	NA	1.282
39	Wayne	0.83%	25%	W	52%	26565	NA	NA	NA	41	0.000	0.943	0.333	1.276
40	Coffee	0.03%	34%	W	66%	37413	5433	15%	1	51	0.150	0.733	0.389	1.273

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
41	Gwinnett	0.14%	32%	W	3%	588448	47613	8%	7	23	0.080	0.773	0.414	1.267
42	Appling	0.52%	25%	W	70%	17419	NA	NA	NA	44	0.000	0.903	NA	1.263
43	Calhoun	0.49%	62%	B	100%	6320	NA	NA	NA	51	0.000	0.899	NA	1.259
44	Treutlen	0.48%	34%	W	56%	6854	NA	NA	NA	52	0.000	0.897	NA	1.257
45	Wilkes	0.47%	46%	W	69%	10687	NA	NA	NA	41	0.000	0.895	NA	1.255
46	Morgan	0.35%	31%	W	77%	15457	NA	NA	NA	21	0.000	0.855	NA	1.215
47	Schley	0.32%	34%	W	100%	3766	NA	NA	NA	45	0.000	0.844	NA	1.204
48	Greene	0.28%	48%	W	82%	14406	NA	NA	NA	44	0.000	0.827	NA	1.187
49	Charlton	0.21%	31%	W	62%	10282	NA	NA	NA	42	0.000	0.804	NA	1.164
50	Butts	0.26%	31%	W	79%	19522	NA	NA	NA	21	0.000	0.819	0.327	1.146
51	Lee	0.35%	18%	W	50%	24757	NA	NA	NA	19	0.000	0.859	0.281	1.140
52	Gilmer	0.10%	9%	W	86%	23456	NA	NA	NA	35	0.000	0.762	0.374	1.136
53	Pierce	0.15%	14%	W	77%	15636	NA	NA	NA	39	0.000	0.775	NA	1.135
54	Carroll	0.06%	20%	W	52%	87268	10661	12%	2	31	0.040	0.747	0.331	1.117
55	Hancock	-0.94%	79%	B	60%	10076	7491	74%	2	63	0.740	0.000	NA	1.100
56	Warren	0.03%	60%	B	100%	6336	3054	48%	1	57	0.000	0.737	NA	1.097
57	Miller	0.03%	30%	W	100%	6383	NA	NA	NA	37	0.000	0.735	NA	1.095
58	Jasper	0.01%	30%	W	100%	11426	NA	NA	NA	28	0.000	0.730	NA	1.090
59	Bleckley	0.00%	27%	W	52%	11666	NA	NA	NA	41	0.000	0.726	NA	1.086
60	Macon	-0.77%	63%	B	58%	14074	10129	72%	2	56	0.720	0.000	NA	1.080
61	Crisp	-0.43%	46%	W	40%	21996	11786	54%	2	56	0.540	0.000	0.538	1.078
62	Douglas	-0.11%	23%	W	20%	92174	NA	NA	NA	13	0.000	0.667	0.398	1.065
63	Washington	-0.13%	54%	B	66%	21176	NA	NA	NA	49	0.000	0.657	0.405	1.062
64	Oconee	0.38%	11%	W	51%	26225	NA	NA	NA	11	0.000	0.874	0.180	1.054
65	Dooly	-0.09%	55%	O	78%	11525	NA	NA	NA	50	0.000	0.678	NA	1.038
66	Oglethorpe	-0.10%	22%	W	100%	12635	NA	NA	NA	33	0.000	0.669	NA	1.029
67	Fayette	0.21%	17%	W	22%	91263	NA	NA	NA	4	0.000	0.802	0.224	1.026
68	Walton	0.06%	17%	W	59%	60687	NA	NA	NA	23	0.000	0.745	0.279	1.023
69	Lanier	-0.12%	28%	W	94%	7241	NA	NA	NA	46	0.000	0.659	NA	1.019
70	Wilcox	-0.14%	38%	W	100%	8577	NA	NA	NA	41	0.000	0.651	NA	1.011
71	Baker	-1.52%	53%	B	100%	4074	2643	65%	1	55	0.650	0.000	NA	1.010
72	Monroe	-0.12%	30%	W	76%	21757	NA	NA	NA	22	0.000	0.665	0.335	0.999
73	Henry	-0.17%	19%	W	27%	119341	NA	NA	NA	7	0.000	0.636	0.313	0.949
74	Decatur	-0.23%	44%	W	58%	28240	14527	51%	3	49	0.510	0.000	0.421	0.931
75	Colquitt	-0.93%	35%	W	63%	42053	17533	42%	3	56	0.420	0.000	0.503	0.923
76	Atkinson	-1.13%	37%	W	100%	7609	4253	56%	1	60	0.560	0.000	NA	0.920
77	Taylor	-0.49%	45%	W	100%	8815	4914	56%	1	52	0.560	0.000	NA	0.920
78	Bryan	-0.15%	17%	W	60%	23417	NA	NA	NA	21	0.000	0.644	0.245	0.889
79	Paulding	-0.12%	9%	W	40%	81678	NA	NA	NA	6	0.000	0.661	0.224	0.885
80	Jefferson	-0.98%	58%	B	81%	17266	8979	52%	2	54	0.520	0.000	NA	0.880
81	Tattall	-0.83%	40%	W	79%	22305	9134	41%	1	57	0.410	0.000	0.452	0.862
82	Marion	-0.29%	41%	W	100%	7144	3517	49%	1	54	0.490	0.000	NA	0.850
83	Candler	-0.85%	37%	W	71%	9577	6635	69%	2	59	0.480	0.000	NA	0.840

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84	Burke	-0.90%	53%	B	75%	22243	10113	45%	3	53	0.450	0.000	0.358	0.808
85	Ben Hill	-0.30%	38%	W	36%	17484	7698	44%	2	50	0.440	0.000	NA	0.800
86	Brooks	-1.88%	43%	W	71%	16450	6866	42%	2	52	0.420	0.000	NA	0.780
87	Tift	-0.81%	37%	W	44%	38407	13874	36%	3	46	0.360	0.000	0.413	0.773
88	Evans	-0.60%	39%	W	62%	10495	4071	39%	1	64	0.390	0.000	NA	0.750
89	Emanuel	-1.44%	37%	W	69%	21837	6077	28%	2	49	0.280	0.000	0.452	0.732
90	Bulloch	-0.81%	32%	W	52%	55983	12497	22%	2	46	0.220	0.000	0.461	0.681
91	Early	-0.88%	50%	W	66%	12354	3956	32%	1	50	0.320	0.000	NA	0.680
92	Toombs	-0.86%	33%	W	52%	26067	9693	37%	2	52	0.170	0.000	0.466	0.636
93	Thomas	-0.69%	41%	W	50%	42737	7546	18%	2	41	0.180	0.000	0.443	0.623
94	Mitchell	-0.38%	50%	O	52%	23932	2989	12%	1	49	0.120	0.000	0.436	0.556
95	Floyd	-1.03%	20%	W	36%	90565	19082	21%	5	34	0.210	0.000	0.310	0.520
96	Laurens	-0.51%	37%	W	57%	44874	4617	10%	2	38	0.100	0.000	0.411	0.511
97	Newton	-0.64%	25%	W	44%	62001	3429	6%	1	24	0.060	0.000	0.354	0.414
98	Polk	-0.39%	22%	W	52%	38127	NA	NA	NA	33	0.000	0.000	0.405	0.405
99	Upson	-0.22%	30%	W	44%	27597	NA	NA	NA	33	0.000	0.000	0.405	0.405
100	Dodge	-0.50%	31%	W	70%	19171	NA	NA	NA	38	0.000	0.000	0.382	0.382
101	Elbert	-0.36%	34%	W	69%	20511	NA	NA	NA	39	0.000	0.000	0.374	0.374
102	Madison	-0.83%	11%	W	96%	25730	NA	NA	NA	25	0.000	0.000	0.374	0.374
103	Meriwether	-0.39%	44%	W	84%	22534	NA	NA	NA	45	0.000	0.000	0.374	0.374
104	Worth	-0.99%	31%	W	70%	21967	NA	NA	NA	41	0.000	0.000	0.366	0.366
105	Cook	-0.73%	33%	W	59%	15771	4037	26%	1	49	0.000	0.000	NA	0.360
106	Bacon	-0.19%	19%	W	71%	10103	NA	NA	NA	36	0.000	0.000	NA	0.360
107	Banks	-0.84%	8%	W	95%	14422	NA	NA	NA	28	0.000	0.000	NA	0.360
108	Berrien	-0.92%	15%	W	75%	16235	NA	NA	NA	41	0.000	0.000	NA	0.360
109	Brantley	-2.72%	5%	W	99%	14629	NA	NA	NA	38	0.000	0.000	NA	0.360
110	Clinch	-1.18%	31%	W	58%	6878	NA	NA	NA	49	0.000	0.000	NA	0.360
111	Crawford	-0.70%	27%	W	100%	12495	NA	NA	NA	33	0.000	0.000	NA	0.360
112	Dade	-1.37%	5%	W	77%	15154	NA	NA	NA	20	0.000	0.000	NA	0.360
113	Glascock	-0.91%	10%	W	100%	2556	NA	NA	NA	40	0.000	0.000	NA	0.360
114	Heard	-1.06%	12%	W	100%	11012	NA	NA	NA	35	0.000	0.000	NA	0.360
115	Irwin	-0.69%	28%	W	68%	9931	NA	NA	NA	37	0.000	0.000	NA	0.360
116	Johnson	-1.15%	38%	W	100%	8560	NA	NA	NA	46	0.000	0.000	NA	0.360
117	Lincoln	-1.03%	36%	W	100%	8348	NA	NA	NA	40	0.000	0.000	NA	0.360
118	McIntosh	-1.15%	38%	W	74%	10847	NA	NA	NA	48	0.000	0.000	NA	0.360
119	Montgomery	-0.77%	31%	W	99%	8270	NA	NA	NA	36	0.000	0.000	NA	0.360
120	Pike	-0.19%	17%	W	100%	13688	NA	NA	NA	15	0.000	0.000	NA	0.360
121	Pulaski	-0.34%	37%	W	59%	9588	NA	NA	NA	35	0.000	0.000	NA	0.360
122	Quitman	-1.92%	48%	W	59%	2598	NA	NA	NA	52	0.000	0.000	NA	0.360
123	Rabun	-0.35%	6%	W	100%	15050	NA	NA	NA	30	0.000	0.000	NA	0.360
124	Screven	-0.96%	47%	W	83%	15374	NA	NA	NA	52	0.000	0.000	NA	0.360
125	Seminole	-0.56%	39%	W	72%	9369	NA	NA	NA	50	0.000	0.000	NA	0.360
126	Talbot	-1.14%	63%	B	100%	6498	NA	NA	NA	54	0.000	0.000	NA	0.360

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
127	Telfair	-0.96%	40%	W	57%	11794	NA	NA	NA	46	0.000	0.000	NA	0.360
128	Towns	-0.32%	1%	W	100%	9319	NA	NA	NA	23	0.000	0.000	NA	0.360
129	Twiggs	-1.31%	45%	W	100%	10590	NA	NA	NA	49	0.000	0.000	NA	0.360
130	Webster	-1.01%	50%	W	100%	2390	NA	NA	NA	49	0.000	0.000	NA	0.360
131	Wheeler	-0.60%	37%	W	100%	6179	NA	NA	NA	49	0.000	0.000	NA	0.360
132	Wilkinson	-0.41%	42%	W	100%	10220	NA	NA	NA	41	0.000	0.000	NA	0.360
133	Chattooga	-0.88%	14%	W	56%	25470	NA	NA	NA	34	0.000	0.000	0.358	0.358
134	Haralson	-0.46%	7%	W	83%	25690	NA	NA	NA	26	0.000	0.000	0.358	0.358
135	Hart	-0.20%	21%	W	75%	22997	NA	NA	NA	31	0.000	0.000	0.350	0.350
136	Putnam	-0.26%	33%	W	77%	18812	NA	NA	NA	34	0.000	0.000	0.335	0.335
137	White	-0.57%	5%	W	100%	19944	NA	NA	NA	20	0.000	0.000	0.335	0.335
138	Dawson	-0.29%	3%	W	100%	15999	NA	NA	NA	18	0.000	0.000	0.327	0.327
139	Fannin	-1.52%	1%	W	100%	19798	NA	NA	NA	25	0.000	0.000	0.319	0.319
140	Effingham	-0.75%	15%	W	76%	37535	NA	NA	NA	22	0.000	0.000	0.311	0.311
141	Barrow	-0.49%	16%	W	53%	46144	NA	NA	NA	24	0.000	0.000	0.305	0.305
142	Jones	-1.10%	25%	W	81%	23639	NA	NA	NA	16	0.000	0.000	0.303	0.303
143	Union	-0.54%	2%	W	100%	17289	NA	NA	NA	21	0.000	0.000	0.303	0.303
144	Coweta	-0.25%	22%	W	46%	89215	NA	NA	NA	17	0.000	0.000	0.297	0.297
145	Gordon	-0.85%	12%	W	65%	44104	NA	NA	NA	28	0.000	0.000	0.284	0.284
146	Pickens	-1.90%	4%	W	78%	22983	NA	NA	NA	22	0.000	0.000	0.280	0.280
147	Lumpkin	-0.83%	6%	W	85%	21016	NA	NA	NA	30	0.000	0.000	0.276	0.276
148	Bartow	-0.31%	13%	W	42%	76019	NA	NA	NA	21	0.000	0.000	0.271	0.271
149	Stephens	-0.45%	14%	W	60%	25435	NA	NA	NA	33	0.000	0.000	0.268	0.268
150	Jackson	-0.55%	12%	W	88%	41589	NA	NA	NA	30	0.000	0.000	0.260	0.260
151	Habersham	-0.90%	14%	W	65%	35902	NA	NA	NA	28	0.000	0.000	0.253	0.253
152	Franklin	-1.02%	10%	W	89%	20285	NA	NA	NA	30	0.000	0.000	0.245	0.245
153	Murray	-1.79%	7%	W	72%	36506	NA	NA	NA	37	0.000	0.000	0.232	0.232
154	Walker	-0.95%	5%	W	44%	61053	NA	NA	NA	24	0.000	0.000	0.227	0.227
155	Columbia	-0.19%	18%	W	26%	89288	NA	NA	NA	10	0.000	0.000	0.216	0.216
156	Cherokee	-0.75%	9%	W	25%	141903	4653	3%	1	13	0.000	0.000	0.208	0.208
157	Catoosa	-1.01%	3%	W	29%	53282	NA	NA	NA	17	0.000	0.000	0.198	0.198
158	Harris	-0.49%	21%	W	97%	23695	NA	NA	NA	13	0.000	0.000	0.198	0.198
159	Forsyth	-0.64%	7%	W	35%	98407	NA	NA	NA	12	0.000	0.000	0.167	0.167

Table 9
STUDY AREA COUNTIES BY COMPOSITE RISK SCORE
Louisiana

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
1	Orleans	1.61%	73%	B	1%	484674	239190	49%	102	60	0.480	0.990	0.708	2.179
2	Tensas	0.20%	57%	B	100%	6618	5201	79%	2	56	0.790	0.790	NA	1.940
3	Natchitoches	0.31%	42%	W	51%	39080	16236	42%	3	47	0.420	0.840	0.497	1.757
4	Caddo	0.09%	47%	W	16%	252161	81774	32%	26	48	0.320	0.754	0.526	1.600
5	East Baton Rouge	0.17%	44%	W	7%	412852	105564	26%	28	39	0.260	0.783	0.513	1.556
6	Vernon	1.24%	26%	W	47%	52531	3691	7%	1	40	0.070	0.975	0.497	1.543
7	Lincoln	0.25%	43%	W	37%	42509	11906	28%	3	46	0.280	0.815	0.436	1.531
8	East Carroll	0.25%	69%	B	36%	9421	6904	73%	2	56	0.330	0.817	NA	1.507
9	Ouachita	0.05%	36%	W	23%	147250	38334	26%	14	42	0.250	0.743	0.443	1.436
10	Jefferson	0.34%	34%	W	1%	455466	73380	16%	22	31	0.150	0.853	0.430	1.433
11	Richland	-0.02%	39%	W	64%	20981	5381	26%	1	39	0.260	0.710	0.374	1.344
12	Concordia	-0.03%	39%	W	38%	20247	5472	27%	1	46	0.270	0.707	NA	1.337
13	Franklin	0.64%	33%	W	70%	21263	NA	NA	NA	43	0.000	0.916	0.405	1.321
14	Bossier	0.27%	26%	W	28%	98310	7054	7%	3	37	0.070	0.825	0.396	1.291
15	Iberia	0.00%	35%	W	33%	73266	10902	15%	3	45	0.150	0.720	0.398	1.268
16	Assumption	0.15%	33%	W	45%	23388	3339	14%	1	48	0.140	0.777	0.327	1.244
17	Terrebonne	-0.15%	26%	W	25%	104503	13684	13%	2	36	0.130	0.642	0.313	1.084
18	St. Charles	0.19%	29%	W	14%	48072	NA	NA	NA	21	0.000	0.789	0.292	1.080
19	St. James	-0.17%	50%	O	35%	21216	2410	11%	1	36	0.110	0.638	0.288	1.036
20	Claiborne	-0.14%	48%	W	78%	16851	NA	NA	NA	47	0.000	0.650	NA	1.010
21	Red River	-0.25%	42%	W	72%	9622	4636	48%	1	53	0.480	0.000	NA	0.840
22	St. Landry	-1.33%	43%	W	44%	87700	31774	36%	6	53	0.360	0.000	0.456	0.816
23	Madison	-2.19%	63%	B	23%	13728	5752	42%	2	51	0.420	0.000	NA	0.780
24	Evangeline	-0.70%	30%	W	59%	35434	8019	23%	2	54	0.230	0.000	0.404	0.634
25	Webster	-0.37%	34%	W	53%	41831	6872	16%	2	39	0.160	0.000	0.440	0.600
26	Rapides	-0.22%	34%	W	38%	126337	24903	20%	8	39	0.190	0.000	0.409	0.599
27	De Soto	-0.64%	44%	W	73%	25494	3477	14%	1	47	0.140	0.000	0.451	0.591
28	Avoyelles	-0.47%	32%	W	63%	41481	6931	17%	1	46	0.170	0.000	0.414	0.584
29	St. Mary	-3.46%	37%	W	18%	53500	8562	16%	3	44	0.160	0.000	0.393	0.553
30	Plaquemines	-1.09%	30%	W	32%	26757	3358	13%	1	42	0.130	0.000	0.413	0.543
31	Winn	-1.06%	34%	W	64%	16894	2767	16%	1	50	0.160	0.000	NA	0.520
32	West Baton Rouge	-1.06%	37%	W	40%	21601	3078	14%	1	38	0.140	0.000	0.374	0.514
33	Lafayette	-0.34%	27%	W	12%	190503	24965	13%	8	36	0.130	0.000	0.378	0.508
34	Union	-0.62%	30%	W	86%	22803	3915	17%	1	40	0.170	0.000	0.336	0.506
35	Allen	-1.25%	31%	W	68%	25440	3477	14%	1	39	0.140	0.000	0.349	0.489
36	Morehouse	-0.21%	44%	W	48%	31021	4145	13%	1	45	0.130	0.000	0.358	0.488
37	Washington	-0.35%	33%	W	62%	43926	6054	14%	2	42	0.140	0.000	0.344	0.484
38	Jefferson Davis	-0.26%	19%	W	49%	31435	3903	12%	1	40	0.120	0.000	0.358	0.478

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
39	St. John the Baptist	-0.19%	48%	W	15%	43044	2595	6%	1	32	0.060	0.000	0.414	0.474
40	Calcasieu	-0.78%	26%	W	22%	183577	28957	16%	8	35	0.110	0.000	0.349	0.459
41	Tangipahoa	-0.77%	31%	W	53%	100588	13469	13%	3	45	0.080	0.000	0.365	0.445
42	Sabine	-0.53%	27%	W	88%	23459	3535	15%	1	44	0.150	0.000	0.276	0.426
43	St. Bernard	-0.93%	15%	W	4%	67229	3416	5%	1	26	0.050	0.000	NA	0.410
44	Acadia	-0.18%	20%	W	49%	58861	10579	18%	2	45	0.080	0.000	0.315	0.395
45	Vermilion	-1.00%	18%	W	57%	53807	11580	22%	2	44	0.110	0.000	0.271	0.381
46	Bienville	-0.88%	45%	W	80%	15752	NA	NA	NA	48	0.000	0.000	NA	0.360
47	Caldwell	-0.32%	20%	W	100%	10560	NA	NA	NA	38	0.000	0.000	NA	0.360
48	Cameron	-0.44%	7%	W	100%	9991	NA	NA	NA	35	0.000	0.000	NA	0.360
49	Catahoula	-0.39%	28%	W	100%	10920	NA	NA	NA	48	0.000	0.000	NA	0.360
50	Grant	-0.20%	14%	W	100%	18698	NA	NA	NA	38	0.000	0.000	NA	0.360
51	Jackson	-0.31%	29%	W	68%	15397	NA	NA	NA	35	0.000	0.000	NA	0.360
52	La Salle	-1.25%	14%	W	73%	14282	NA	NA	NA	35	0.000	0.000	NA	0.360
53	St. Helena	-1.48%	53%	B	100%	10525	NA	NA	NA	54	0.000	0.000	NA	0.360
54	West Carroll	-1.37%	21%	W	100%	12314	NA	NA	NA	43	0.000	0.000	NA	0.360
55	West Feliciana	-0.78%	52%	B	100%	15111	NA	NA	NA	34	0.000	0.000	NA	0.360
56	Iberville	-0.66%	51%	O	49%	33320	NA	NA	NA	43	0.000	0.000	0.335	0.335
57	Pointe Coupee	-0.33%	39%	W	60%	22763	NA	NA	NA	40	0.000	0.000	0.319	0.319
58	St. Martin	-0.18%	34%	W	67%	48583	NA	NA	NA	46	0.000	0.000	0.313	0.313
59	Ascension	-0.93%	23%	W	25%	76627	4119	5%	1	27	0.050	0.000	0.255	0.305
60	Lafourche	-0.81%	17%	W	28%	89974	2493	3%	1	36	0.030	0.000	0.242	0.272
61	East Feliciana	-0.91%	48%	W	83%	21360	NA	NA	NA	48	0.000	0.000	0.272	0.272
62	Beauregard	-0.67%	16%	W	70%	32986	NA	NA	NA	34	0.000	0.000	0.258	0.258
63	St. Tammany	-0.47%	14%	W	25%	191268	6635	3%	2	16	0.020	0.000	0.198	0.218
64	Livingston	-1.60%	6%	W	55%	91814	NA	NA	NA	21	0.000	0.000	0.138	0.138

Table 9
STUDY AREA COUNTIES BY COMPOSITE RISK SCORE
North Carolina

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
1	Durham	1.37%	51%	O	7%	223314	51149	23%	16	44	0.230	0.981	0.589	1.799
2	Edgecombe	-0.09%	60%	B	45%	55606	22740	41%	6	51	0.410	0.670	0.594	1.674
3	Cumberland	0.91%	46%	W	13%	302963	37628	12%	10	38	0.120	0.952	0.557	1.630
4	Halifax	0.01%	57%	B	58%	57370	17726	31%	3	49	0.310	0.731	0.560	1.601
5	Wilson	0.17%	46%	W	37%	73814	18824	26%	5	44	0.260	0.781	0.531	1.572
6	Mecklenburg	0.39%	38%	W	4%	695454	117292	17%	34	37	0.170	0.878	0.466	1.514
7	Guilford	0.62%	36%	W	16%	421048	61025	14%	19	34	0.140	0.914	0.458	1.513
8	Pitt	0.23%	38%	W	34%	133798	29141	22%	6	46	0.220	0.808	0.484	1.512
9	Lenoir	0.04%	44%	W	45%	59648	13430	23%	5	46	0.230	0.741	0.523	1.494
10	Lee	1.18%	33%	W	49%	49040	6575	13%	2	38	0.130	0.971	0.391	1.492
11	New Hanover	0.56%	20%	W	5%	160307	34921	22%	11	38	0.220	0.905	0.352	1.476
12	Onslow	1.47%	28%	W	29%	150355	4349	3%	2	35	0.030	0.985	0.458	1.473
13	Vance	0.12%	53%	O	51%	42954	11965	28%	3	47	0.280	0.766	0.397	1.443
14	Wayne	0.36%	39%	W	45%	113329	20407	18%	5	41	0.120	0.863	0.451	1.433
15	Forsyth	0.14%	33%	W	9%	306067	55259	18%	18	32	0.180	0.770	0.435	1.384
16	Wake	0.66%	29%	W	12%	627846	57873	9%	15	29	0.080	0.918	0.383	1.381
17	Hoke	0.73%	57%	O	57%	33646	NA	NA	NA	45	0.000	0.924	0.417	1.340
18	Duplin	-0.06%	44%	W	86%	49063	12559	26%	2	51	0.260	0.690	0.382	1.331
19	Watauga	0.35%	4%	W	60%	42695	6525	15%	1	31	0.150	0.857	0.299	1.307
20	Orange	0.07%	23%	W	32%	118227	16865	14%	3	31	0.140	0.749	0.385	1.274
21	Chowan	0.36%	40%	W	63%	14526	NA	NA	NA	41	0.000	0.869	NA	1.229
22	Craven	-0.05%	31%	W	32%	91436	5719	6%	2	33	0.060	0.693	0.406	1.160
23	Franklin	0.14%	35%	W	91%	47260	NA	NA	NA	32	0.000	0.771	0.370	1.141
24	Sampson	-0.08%	43%	W	85%	60161	NA	NA	NA	45	0.000	0.680	0.453	1.133
25	Bertie	-0.04%	64%	B	100%	19773	NA	NA	NA	48	0.000	0.701	NA	1.061
26	Washington	-0.07%	52%	O	66%	13723	NA	NA	NA	34	0.000	0.686	NA	1.046
27	Jones	-0.08%	39%	W	100%	10381	NA	NA	NA	35	0.000	0.684	NA	1.044
28	Warren	-0.12%	61%	B	100%	19972	NA	NA	NA	46	0.000	0.663	NA	1.023
29	Martin	-0.14%	48%	W	78%	25593	NA	NA	NA	37	0.000	0.646	0.366	1.012
30	Chatham	-0.14%	28%	W	80%	49329	NA	NA	NA	20	0.000	0.648	0.279	0.926
31	Robeson	-1.34%	68%	O	65%	123339	29032	24%	5	51	0.240	0.000	0.602	0.842
32	Scotland	-0.85%	48%	W	53%	35998	9389	26%	2	46	0.260	0.000	0.490	0.750
33	Hertford	-0.28%	63%	B	67%	22601	NA	NA	NA	40	0.000	0.000	0.591	0.591
34	Nash	-0.31%	38%	W	49%	87420	10492	12%	3	32	0.120	0.000	0.461	0.581
35	Pasquotank	-0.29%	43%	W	45%	34897	4678	13%	2	47	0.130	0.000	0.445	0.575
36	Richmond	-0.74%	36%	W	45%	46564	6513	14%	2	40	0.140	0.000	0.424	0.564
37	Columbus	-1.17%	37%	W	88%	54749	4530	8%	1	41	0.080	0.000	0.388	0.468
38	Bladen	-2.05%	44%	W	88%	32278	NA	NA	NA	41	0.000	0.000	0.458	0.458
39	Alamance	-0.31%	27%	W	31%	130800	9439	7%	3	30	0.070	0.000	0.375	0.445
40	Beaufort	-0.70%	33%	W	68%	44958	4167	9%	1	36	0.090	0.000	0.335	0.425

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
41	Anson	-1.04%	51%	O	73%	25275	3151	12%	1	37	0.000	0.000	0.417	0.417
42	Person	-0.42%	31%	W	73%	35623	NA	NA	NA	23	0.000	0.000	0.409	0.409
43	Harnett	-0.21%	30%	W	66%	91025	9756	11%	1	38	0.000	0.000	0.401	0.401
44	Granville	-0.53%	40%	W	65%	48498	NA	NA	NA	29	0.000	0.000	0.393	0.393
45	Cleveland	-0.70%	23%	W	55%	96287	6520	7%	2	30	0.070	0.000	0.323	0.393
46	Greene	-0.79%	50%	W	100%	18974	NA	NA	NA	48	0.000	0.000	0.389	0.389
47	Rowan	-1.09%	21%	W	41%	130340	11077	8%	4	30	0.080	0.000	0.307	0.387
48	Stanly	-1.12%	16%	W	67%	58100	6251	11%	1	21	0.110	0.000	0.260	0.370
49	Northampton	-0.69%	61%	B	90%	22086	NA	NA	NA	49	0.000	0.000	0.366	0.366
50	Transylvania	-0.66%	6%	W	62%	29334	NA	NA	NA	18	0.000	0.000	0.366	0.366
51	Cabarrus	-0.92%	18%	W	28%	131063	12723	10%	2	22	0.050	0.000	0.313	0.363
52	Rutherford	-0.65%	14%	W	63%	62899	4478	7%	1	30	0.070	0.000	0.292	0.362
53	Catawba	-1.01%	17%	W	35%	141685	10078	7%	3	27	0.070	0.000	0.292	0.362
54	Alleghany	-0.41%	6%	W	100%	10677	NA	NA	NA	28	0.000	0.000	NA	0.360
55	Avery	-2.13%	6%	W	100%	17167	NA	NA	NA	31	0.000	0.000	NA	0.360
56	Camden	-0.32%	19%	W	100%	6885	NA	NA	NA	13	0.000	0.000	NA	0.360
57	Clay	-1.89%	2%	W	100%	8775	NA	NA	NA	22	0.000	0.000	NA	0.360
58	Gates	-0.46%	41%	W	100%	10516	NA	NA	NA	29	0.000	0.000	NA	0.360
59	Graham	-1.28%	8%	W	100%	7993	NA	NA	NA	36	0.000	0.000	NA	0.360
60	Hyde	-1.13%	38%	W	100%	5826	NA	NA	NA	41	0.000	0.000	NA	0.360
61	Mitchell	-1.13%	3%	W	100%	15687	NA	NA	NA	25	0.000	0.000	NA	0.360
62	Pamlico	-1.01%	27%	W	100%	12934	NA	NA	NA	30	0.000	0.000	NA	0.360
63	Perquimans	-0.52%	29%	W	100%	11368	NA	NA	NA	32	0.000	0.000	NA	0.360
64	Polk	-0.86%	9%	W	91%	18324	NA	NA	NA	20	0.000	0.000	NA	0.360
65	Swain	-0.86%	32%	W	100%	12968	NA	NA	NA	37	0.000	0.000	NA	0.360
66	Tyrrell	-0.89%	44%	W	100%	4149	NA	NA	NA	46	0.000	0.000	NA	0.360
67	Yancey	-1.16%	4%	W	100%	17774	NA	NA	NA	32	0.000	0.000	NA	0.360
68	Montgomery	-0.78%	34%	W	88%	26822	NA	NA	NA	41	0.000	0.000	0.359	0.359
69	Randolph	-0.54%	13%	W	61%	130454	11658	9%	3	28	0.090	0.000	0.263	0.353
70	Gaston	-0.88%	18%	W	22%	190365	9456	5%	3	28	0.030	0.000	0.320	0.350
71	Caswella	-0.66%	39%	W	100%	23501	NA	NA	NA	33	0.000	0.000	0.349	0.349
72	Buncombe	-0.84%	11%	W	29%	206330	9357	5%	5	31	0.050	0.000	0.294	0.344
73	Lincoln	-0.84%	13%	W	62%	63780	5451	9%	1	21	0.000	0.000	0.343	0.343
74	Yadkin	-0.94%	10%	W	86%	36348	NA	NA	NA	19	0.000	0.000	0.343	0.343
75	Davidson	-1.08%	15%	W	56%	147246	10712	7%	3	30	0.070	0.000	0.271	0.341
76	Rockingham	-0.23%	23%	W	59%	91928	NA	NA	NA	29	0.000	0.000	0.336	0.336
77	Johnston	-1.18%	24%	W	69%	121965	9217	8%	1	30	0.000	0.000	0.328	0.328
78	Ashe	-0.42%	3%	W	100%	24384	NA	NA	NA	27	0.000	0.000	0.319	0.319
79	Iredell	-0.34%	19%	W	50%	122660	5416	4%	2	26	0.040	0.000	0.279	0.319
80	Jackson	-0.89%	14%	W	78%	33121	NA	NA	NA	33	0.000	0.000	0.313	0.313
81	Madison	-1.80%	3%	W	100%	19635	NA	NA	NA	33	0.000	0.000	0.311	0.311
82	Brunswick	-0.19%	18%	W	66%	73143	NA	NA	NA	30	0.000	0.000	0.307	0.307
83	Caldwell	-1.08%	9%	W	38%	77415	5948	8%	1	24	0.080	0.000	0.216	0.296

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTC Pop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
84	Alexander	-0.96%	8%	W	82%	33603	NA	NA	NA	21	0.000	0.000	0.296	0.296
85	Surry	-1.22%	12%	W	70%	71219	2596	4%	1	26	0.040	0.000	0.247	0.287
86	Pender	-0.22%	28%	W	92%	41082	NA	NA	NA	33	0.000	0.000	0.279	0.279
87	Union	-0.87%	20%	W	50%	123677	NA	NA	NA	14	0.000	0.000	0.268	0.268
88	Moore	-0.30%	21%	W	59%	74769	NA	NA	NA	24	0.000	0.000	0.266	0.266
89	Dare	-0.33%	6%	W	31%	29967	NA	NA	NA	19	0.000	0.000	0.263	0.263
90	Burke	-1.49%	14%	W	46%	89148	NA	NA	NA	28	0.000	0.000	0.258	0.258
91	Henderson	-0.64%	9%	W	47%	89173	2336	3%	1	25	0.030	0.000	0.227	0.257
92	Macon	-1.55%	3%	W	81%	29811	NA	NA	NA	22	0.000	0.000	0.242	0.242
93	Carteret	-0.64%	10%	W	38%	59383	NA	NA	NA	27	0.000	0.000	0.237	0.237
94	McDowell	-1.46%	8%	W	77%	42151	NA	NA	NA	28	0.000	0.000	0.219	0.219
95	Haywood	-1.10%	3%	W	48%	54033	NA	NA	NA	22	0.000	0.000	0.216	0.216
96	Wilkes	-1.11%	8%	W	74%	65632	NA	NA	NA	28	0.000	0.000	0.216	0.216
97	Davie	-0.24%	11%	W	77%	34835	NA	NA	NA	18	0.000	0.000	0.185	0.185
98	Cherokee	-2.16%	5%	W	100%	24298	NA	NA	NA	28	0.000	0.000	0.172	0.172
99	Currituck	-1.03%	10%	W	100%	18190	NA	NA	NA	20	0.000	0.000	0.169	0.169
100	Stokes	-0.92%	7%	W	80%	44711	NA	NA	NA	22	0.000	0.000	0.154	0.154

Table 9
STUDY AREA COUNTIES BY COMPOSITE RISK SCORE
Virginia

Rnk	County	ACE II Rate	Min%	Rac/Ethn	Rur%	TotalPop	HTCPop	HTC Pop%	>=60 HTC	Avg HTC	PctHTC Score	ACE II Score	ACS Score	Risk Score
1	Petersburg city	2.25%	81%	B	3%	33740	16857	50%	7	56	0.500	0.996	0.805	2.301
2	Richmond city	1.05%	62%	B	0%	197790	85422	43%	30	53	0.430	0.964	0.695	2.089
3	Norfolk city	1.47%	51%	O	0%	234403	78092	33%	29	48	0.320	0.983	0.667	1.970
4	Fredericksburg city	0.50%	27%	W	0%	19279	9796	51%	3	54	0.360	0.901	0.641	1.902
5	Hopewell city	0.88%	38%	W	0%	22354	6357	28%	3	42	0.280	0.949	0.622	1.851
6	Martinsville city	0.58%	45%	W	0%	15416	8580	56%	3	48	0.560	0.909	NA	1.829
7	Portsmouth city	1.48%	54%	B	0%	100565	27223	27%	11	43	0.270	0.987	0.565	1.822
8	Emporia city	0.85%	58%	B	8%	5665	2856	50%	1	47	0.500	0.947	NA	1.807
9	Newport News city	1.06%	46%	W	0%	180150	32930	18%	9	41	0.180	0.966	0.596	1.742
10	Alexandria city	1.27%	44%	W	0%	128283	14653	11%	3	38	0.110	0.977	0.612	1.699
11	Arlington	0.74%	38%	W	0%	189453	45105	24%	6	34	0.240	0.928	0.526	1.694
12	Harrisonburg city	0.74%	18%	W	0%	40468	16703	41%	2	52	0.140	0.930	0.594	1.663
13	Danville city	0.31%	46%	W	6%	48411	15340	32%	5	46	0.320	0.842	0.499	1.661
14	Franklin city	0.30%	54%	B	2%	8346	3820	46%	1	46	0.460	0.836	NA	1.656
15	Hampton city	1.14%	50%	O	0%	146437	16273	11%	5	32	0.110	0.968	0.563	1.640
16	Suffolk city	1.32%	46%	W	28%	63677	9706	15%	3	29	0.150	0.979	0.430	1.559
17	Charlottesville city	0.00%	30%	W	0%	45049	11815	26%	3	42	0.170	0.722	0.570	1.462
18	Prince George	0.99%	40%	W	59%	33047	NA	NA	NA	20	0.000	0.958	0.448	1.406
19	Henrico	0.79%	31%	W	6%	262300	11427	4%	3	18	0.040	0.939	0.406	1.385
20	Virginia Beach city	0.97%	29%	W	1%	425257	6982	2%	2	17	0.020	0.956	0.385	1.362
21	Chesapeake city	1.21%	33%	W	10%	199184	10546	5%	5	20	0.040	0.973	0.344	1.357
22	Charles City	0.96%	64%	B	100%	6926	NA	NA	NA	15	0.000	0.954	NA	1.314
23	Lexington city	0.84%	14%	W	0%	6867	NA	NA	NA	38	0.000	0.945	NA	1.305
24	Amelia	0.78%	29%	W	100%	11400	NA	NA	NA	15	0.000	0.935	NA	1.295
25	Northampton	0.57%	47%	W	100%	13093	NA	NA	NA	43	0.000	0.907	NA	1.267
26	Accomack	-0.02%	38%	W	81%	38305	6035	16%	1	40	0.160	0.716	0.378	1.254
27	Falls Church city	0.47%	15%	W	0%	10377	NA	NA	NA	21	0.000	0.890	NA	1.250
28	New Kent	0.46%	19%	W	100%	13462	NA	NA	NA	5	0.000	0.888	NA	1.248
29	Prince William	0.28%	33%	W	9%	280813	6027	2%	2	17	0.020	0.830	0.396	1.246
30	Fairfax	0.29%	33%	W	1%	969749	38721	4%	6	18	0.040	0.834	0.367	1.241
31	Radford city	0.40%	11%	W	3%	15859	NA	NA	NA	31	0.000	0.880	NA	1.240
32	Southampton	0.36%	44%	W	98%	17482	NA	NA	NA	30	0.000	0.870	NA	1.230
33	Greensville	0.36%	61%	B	64%	11560	NA	NA	NA	28	0.000	0.867	NA	1.227
34	Nottoway	0.36%	43%	W	53%	15725	NA	NA	NA	39	0.000	0.865	NA	1.225

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35	Prince Edward	0.23%	38%	W	71%	19720	NA	NA	NA	49	0.000	0.810	0.413	1.222
36	Mecklenburg	0.20%	41%	W	78%	32380	NA	NA	NA	33	0.000	0.794	0.419	1.214
37	York	0.74%	20%	W	9%	56297	2466	4%	1	10	0.000	0.926	0.276	1.202
38	Chesterfield	0.47%	24%	W	11%	259903	5290	2%	3	12	0.020	0.891	0.284	1.195
39	Isle of Wight	0.59%	29%	W	66%	29728	NA	NA	NA	13	0.000	0.910	0.263	1.173
40	Charlotte	0.25%	35%	W	100%	12472	NA	NA	NA	36	0.000	0.813	NA	1.173
41	Appomattox	0.23%	24%	W	100%	13705	NA	NA	NA	20	0.000	0.811	NA	1.171
42	Staunton city	0.10%	16%	W	1%	23853	1392	6%	1	30	0.060	0.758	0.352	1.170
43	Poquoson city	0.21%	4%	W	5%	11566	NA	NA	NA	1	0.000	0.798	NA	1.158
44	Fairfax city	0.21%	32%	W	0%	21498	NA	NA	NA	20	0.000	0.800	0.352	1.152
45	Dinwiddie	0.28%	35%	W	74%	24533	NA	NA	NA	19	0.000	0.832	0.318	1.150
46	Mathews	0.13%	13%	W	100%	9207	NA	NA	NA	12	0.000	0.768	NA	1.128
47	Waynesboro city	-0.05%	14%	W	2%	19520	1177	6%	1	40	0.060	0.695	0.370	1.125
48	Goochland	0.38%	27%	W	93%	16863	NA	NA	NA	12	0.000	0.876	0.247	1.124
49	Colonial Heights city	0.10%	11%	W	0%	16897	NA	NA	NA	15	0.000	0.760	NA	1.120
50	Highland	0.08%	1%	W	100%	2536	NA	NA	NA	28	0.000	0.750	NA	1.110
51	Fluvanna	0.18%	20%	W	70%	20047	NA	NA	NA	10	0.000	0.787	0.319	1.106
52	Buckingham	0.01%	40%	W	100%	15623	NA	NA	NA	41	0.000	0.728	NA	1.088
53	Richmond	-0.01%	36%	W	84%	8809	NA	NA	NA	31	0.000	0.718	NA	1.078
54	Shenandoah	0.26%	5%	W	76%	35075	NA	NA	NA	14	0.000	0.821	0.253	1.074
55	Brunswick	-0.02%	58%	B	76%	18419	NA	NA	NA	39	0.000	0.712	NA	1.072
56	King William	-0.04%	26%	W	80%	13146	NA	NA	NA	12	0.000	0.699	NA	1.059
57	Sussex	-0.04%	63%	B	100%	12504	NA	NA	NA	43	0.000	0.697	NA	1.057
58	King George	0.20%	22%	W	100%	16803	NA	NA	NA	14	0.000	0.792	0.260	1.053
59	Montgomery	-0.09%	10%	W	31%	83629	NA	NA	NA	29	0.000	0.676	0.375	1.051
60	Surry	-0.09%	53%	B	100%	6829	NA	NA	NA	30	0.000	0.674	NA	1.034
61	Lunenburg	-0.09%	41%	W	100%	13146	NA	NA	NA	37	0.000	0.672	NA	1.032
62	Northumberland	-0.13%	28%	W	100%	12259	NA	NA	NA	25	0.000	0.655	NA	1.015
63	Hanover	0.30%	12%	W	43%	86320	NA	NA	NA	6	0.000	0.838	0.169	1.007
64	Manassas Park city	-0.17%	31%	W	0%	10290	NA	NA	NA	18	0.000	0.640	NA	1.000
65	Norton city	-0.18%	8%	W	9%	3904	NA	NA	NA	56	0.000	0.634	NA	0.994
66	Loudoun	-0.06%	19%	W	16%	169599	NA	NA	NA	11	0.000	0.688	0.242	0.930
67	Fauquier	0.00%	12%	W	73%	55139	NA	NA	NA	6	0.000	0.724	0.201	0.924
68	Orange	-0.14%	16%	W	67%	25881	NA	NA	NA	19	0.000	0.653	0.253	0.906
69	Roanoke city	-0.82%	30%	W	0%	94911	23145	24%	7	43	0.240	0.000	0.451	0.691
70	Lynchburg city	-0.42%	33%	W	3%	65269	9779	15%	5	40	0.150	0.000	0.469	0.619
71	Winchester city	-0.26%	19%	W	0%	23585	4956	21%	1	40	0.000	0.000	0.497	0.497
72	Manassas city	-0.38%	31%	W	0%	35135	NA	NA	NA	17	0.000	0.000	0.443	0.443
73	Wise	-1.01%	3%	W	62%	40123	NA	NA	NA	39	0.000	0.000	0.382	0.382

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74	Lee	-1.10%	1%	W	99%	23589	NA	NA	NA	43	0.000	0.000	0.366	0.366
75	Pulaski	-1.73%	7%	W	52%	35127	NA	NA	NA	25	0.000	0.000	0.366	0.366
76	Alleghany	-0.61%	3%	W	71%	12926	NA	NA	NA	17	0.000	0.000	NA	0.360
77	Bath	-0.44%	7%	W	100%	5048	NA	NA	NA	18	0.000	0.000	NA	0.360
78	Bedford city	-0.22%	24%	W	0%	6299	NA	NA	NA	47	0.000	0.000	NA	0.360
79	Bland	-0.91%	5%	W	100%	6871	NA	NA	NA	27	0.000	0.000	NA	0.360
80	Bristol city	-0.84%	7%	W	1%	17367	NA	NA	NA	37	0.000	0.000	NA	0.360
81	Buena Vista city	-1.02%	7%	W	3%	6349	NA	NA	NA	19	0.000	0.000	NA	0.360
82	Clarke	-1.43%	9%	W	77%	12652	NA	NA	NA	6	0.000	0.000	NA	0.360
83	Clifton Forge city	-0.28%	16%	W	0%	4289	NA	NA	NA	37	0.000	0.000	NA	0.360
84	Covington city	-0.32%	15%	W	0%	6303	NA	NA	NA	28	0.000	0.000	NA	0.360
85	Craig	-0.68%	1%	W	100%	5091	NA	NA	NA	18	0.000	0.000	NA	0.360
86	Cumberland	-0.59%	39%	W	96%	9017	NA	NA	NA	26	0.000	0.000	NA	0.360
87	Dickenson	-0.40%	1%	W	100%	16395	NA	NA	NA	42	0.000	0.000	NA	0.360
88	Essex	-0.38%	41%	W	80%	9989	NA	NA	NA	23	0.000	0.000	NA	0.360
89	Floyd	-0.65%	4%	W	100%	13874	NA	NA	NA	25	0.000	0.000	NA	0.360
90	Galax city	-0.32%	18%	W	9%	6837	NA	NA	NA	55	0.000	0.000	NA	0.360
91	Giles	-1.03%	3%	W	83%	16657	NA	NA	NA	16	0.000	0.000	NA	0.360
92	Grayson	-0.63%	9%	W	99%	17917	NA	NA	NA	29	0.000	0.000	NA	0.360
93	Greene	-0.41%	9%	W	100%	15244	NA	NA	NA	6	0.000	0.000	NA	0.360
94	King and Queen	-0.78%	38%	W	100%	6630	NA	NA	NA	23	0.000	0.000	NA	0.360
95	Lancaster	-0.76%	30%	W	100%	11567	NA	NA	NA	26	0.000	0.000	NA	0.360
96	Madison	-1.36%	13%	W	100%	12520	NA	NA	NA	11	0.000	0.000	NA	0.360
97	Middlesex	-0.64%	21%	W	100%	9932	NA	NA	NA	26	0.000	0.000	NA	0.360
98	Nelson	-0.71%	18%	W	100%	14445	NA	NA	NA	27	0.000	0.000	NA	0.360
99	Patrick	-0.55%	8%	W	100%	19407	NA	NA	NA	37	0.000	0.000	NA	0.360
100	Rappahannock	-1.20%	7%	W	100%	6983	NA	NA	NA	17	0.000	0.000	NA	0.360
101	Westmoreland	-0.54%	35%	W	74%	16718	NA	NA	NA	31	0.000	0.000	NA	0.360
102	Williamsburg city	-0.41%	21%	W	0%	11998	NA	NA	NA	44	0.000	0.000	NA	0.360
103	Carroll	-0.97%	2%	W	98%	29245	NA	NA	NA	33	0.000	0.000	0.358	0.358
104	Rockbridge	-0.37%	4%	W	96%	20808	NA	NA	NA	20	0.000	0.000	0.358	0.358
105	Russell	-0.99%	4%	W	89%	30308	NA	NA	NA	35	0.000	0.000	0.358	0.358
106	Wythe	-0.86%	4%	W	75%	27599	NA	NA	NA	27	0.000	0.000	0.358	0.358
107	Halifax	-0.28%	40%	W	76%	37355	NA	NA	NA	35	0.000	0.000	0.343	0.343
108	Tazewell	-1.07%	4%	W	58%	44598	NA	NA	NA	35	0.000	0.000	0.343	0.343
109	Albemarle	-0.21%	15%	W	48%	79236	738	1%	1	22	0.010	0.000	0.326	0.336
110	Scott	-0.65%	1%	W	82%	23403	NA	NA	NA	34	0.000	0.000	0.327	0.327
111	Culpeper	-0.71%	22%	W	72%	34262	NA	NA	NA	23	0.000	0.000	0.326	0.326
112	Henry	-0.29%	27%	W	65%	57930	NA	NA	NA	29	0.000	0.000	0.323	0.323
113	Washington	-0.98%	2%	W	70%	51103	NA	NA	NA	19	0.000	0.000	0.319	0.319

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114	Franklin	-0.51%	11%	W	91%	47286	NA	NA	NA	21	0.000	0.000	0.303	0.303
115	Stafford	-0.19%	18%	W	26%	92446	NA	NA	NA	9	0.000	0.000	0.294	0.294
116	Caroline	-0.56%	37%	W	100%	22121	NA	NA	NA	19	0.000	0.000	0.279	0.279
117	Buchanan	-0.81%	3%	W	100%	26978	NA	NA	NA	44	0.000	0.000	0.272	0.272
118	Louisa	-0.19%	23%	W	100%	25627	NA	NA	NA	22	0.000	0.000	0.266	0.266
119	Amherst	-0.38%	22%	W	63%	31894	NA	NA	NA	20	0.000	0.000	0.263	0.263
120	Campbell	-0.75%	16%	W	62%	51078	NA	NA	NA	20	0.000	0.000	0.260	0.260
121	James City	-0.33%	18%	W	29%	48102	NA	NA	NA	12	0.000	0.000	0.255	0.255
122	Pittsylvania	-0.35%	25%	W	89%	61745	NA	NA	NA	24	0.000	0.000	0.255	0.255
123	Spotsylvania	-0.33%	17%	W	35%	90395	NA	NA	NA	7	0.000	0.000	0.242	0.242
124	Powhatan	-0.25%	18%	W	91%	22377	NA	NA	NA	4	0.000	0.000	0.241	0.241
125	Salem city	-0.57%	8%	W	0%	24747	NA	NA	NA	19	0.000	0.000	0.234	0.234
126	Page	-0.67%	4%	W	79%	23177	NA	NA	NA	23	0.000	0.000	0.216	0.216
127	Warren	-0.67%	7%	W	56%	31584	NA	NA	NA	20	0.000	0.000	0.208	0.208
128	Gloucester	-0.34%	13%	W	72%	34780	NA	NA	NA	10	0.000	0.000	0.206	0.206
129	Rockingham	-0.26%	5%	W	67%	67725	NA	NA	NA	14	0.000	0.000	0.203	0.203
130	Frederick	-0.63%	5%	W	49%	59209	NA	NA	NA	7	0.000	0.000	0.201	0.201
131	Smyth	-0.85%	3%	W	71%	33081	NA	NA	NA	28	0.000	0.000	0.188	0.188
132	Augusta	-0.20%	5%	W	78%	65615	NA	NA	NA	9	0.000	0.000	0.172	0.172
133	Roanoke	-0.92%	6%	W	22%	85778	NA	NA	NA	6	0.000	0.000	0.164	0.164
134	Bedford	-0.51%	8%	W	85%	60371	NA	NA	NA	10	0.000	0.000	0.148	0.148
135	Botetourt	-0.99%	5%	W	67%	30496	NA	NA	NA	6	0.000	0.000	0.086	0.086



Southern Coalition for Social Justice

115 Market Street, Ste. 470
Durham, N.C. 27701-3241

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