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# A Report of Florida's Cancer History, Risk Factors, and Screening Behaviors: Data from the National Health Interview Survey

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# A Report of Florida's Cancer History, Risk Factors, and Screening Behaviors: Data from the National Health Interview Survey

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## ABSTRACT

*To target populations at greatest risk of developing cancer, it is vital to understand the patterns of risk factors and screening behaviors along with cancer surveillance data. This study provides data on the prevalence of self-reported cancer history, cancer risk factors, and cancer screening behaviors in Florida and compares them to rates in the rest of the U.S. Data were obtained from the National Health Interview Survey (NHIS), an annual, cross-sectional household survey of the U.S. civilian non-institutionalized population. We analyzed pooled data from the 2000 and 2005 Cancer Control Modules. Compared to the rest of the U.S., Floridians reported a lower prevalence of current smoking, risky drinking, and obesity, and a greater prevalence of Prostate Specific Antigen (PSA) testing. However, Floridians reported a greater prevalence of cancer history and a lower prevalence of physical activity, concern for sun protection, lifetime colorectal cancer screening, lifetime breast exam, lifetime mammography screening, and lifetime and past year Pap test. The data indicate that Florida lags behind the rest of the U.S. in several areas, particularly cancer screening, and falls short of the Healthy People 2020 objectives for health behaviors and screening. These results provide information for key stakeholders and public health policy makers to effectively target Florida residents at greatest risk for cancer and those not receiving recommended cancer screenings. This study also represents a model of valuable state-level evaluations that can be conducted using NHIS data. These types of analyses can provide a greater understanding of state-level variations and lead to more effective public health interventions aimed at reducing cancer burden.*

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## Background

Cancer surveillance data are critical for monitoring patterns of cancer incidence and mortality and for the identification of priority populations with excess disease burden (Glaser et al., 2005). These data can be greatly enhanced with an understanding of the patterns of cancer risk factors and screening behaviors, which have great potential to help identify the root causes of cancer and outcome disparities. Whereas national trends in risk factors and screening behaviors are valuable for setting public health priorities, it is also important to evaluate these factors at more localized levels to better inform cancer prevention programs and allocate available resources.

Florida has the third highest number of cancer cases annually in the United States (U.S.) due to its large population size and older age distribution (CINA, 2012). There were an estimated 113,000 new cancer cases diagnosed and nearly 41,000 cancer deaths in Florida in 2011 (American Cancer Society, 2011b). Understanding how cancer history, risk factors, and screening behaviors differ in Florida versus other areas of the U.S. will help public health policy

makers and stakeholders more effectively target specific populations who do not currently meet established guidelines for cancer prevention and detection. In this paper, we report Florida's prevalence of cancer risk factors (including current smoking, alcohol use, obesity, physical inactivity, and lack of sun protection) (Allen et al., 2009; Lee I & Oguma, 2006; Moghaddam, Woodward, & Huxley, 2007; National Cancer Institute; Shapiro, Jacobs, & Thun, 2000), and the prevalence of compliance with recommended cancer screening tests in Florida (e.g. colorectal screenings and blood stool exams, clinical breast exams and mammography, Papanicolaou (Pap) test, and prostate-specific antigen (PSA) test). We then compare these rates to those in the rest of the U.S. and distinct regions of the U.S.

## Methods

Data were obtained from the National Health Interview Survey (NHIS), an annual, cross-sectional household survey of the U.S. civilian non-institutionalized population. We analyzed pooled data from the 2000 and 2005 Cancer Control Modules (CCMs) of the NHIS. The NHIS is a valuable

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source of national data on cancer-related health behaviors, and these CCMs are the only source of representative national population-based data on cancer screening (Doll, Peto, Boreham, & Sutherland, 2005). Detailed information on the wording of the various questions in the NHIS surveys can be found on the NHIS website (Messer, Trinidad, Al-Delaimy, & Pierce, 2008).

#### NHIS Variables

Cancer risk factors evaluated include the self-report of: cancer history, smoking status (current vs. not), risky drinking behavior (defined as ten or more drinks/week in men and seven or more drinks/week in women, or five or more drinks at one sitting, one or more times/year for both men and women (Breslow & Smothers, 2004)), obesity (defined as a body mass index [BMI] of 30kg/m<sup>2</sup> or greater), physical activity level (defined as being compliant with the *Healthy People* goal of moderate physical activity for at least 30 minutes per day for five or more days per week/ vigorous activity for at least 20 minutes per day for three or more days per week) (U.S. Department of Health and Human Services, 2012), and concern about sun protection (defined to include those participants who wear sunscreen, hats or long sleeves always or most of the time, or who do not go into the sun). Lifetime screening behaviors were measured by participants' response to the question "Have you ever had a ...exam?"; those included were: colorectal cancer screening, home or office blood stool, clinical breast exam, mammography screening, Pap test, and PSA test. History of Pap and PSA test in the past year were also evaluated.

The following sociodemographic variables were examined: gender, age group (18-29, 30-39, 40-49, 50-59, 60-69, 70-79, 80+), race (White, Black, "other"), ethnicity (non-Hispanic vs. Hispanic), education level (less than high school, high school only, more than high school), health insurance status (insured vs. uninsured), poverty level (< two times the federal poverty level [FPL] vs. ≥ two times the FPL), employment status (employed vs. unemployed, including retired), employment type (white-collar, service, farm, blue-collar), and birth place (U.S. vs. foreign born).

#### Statistical Analyses

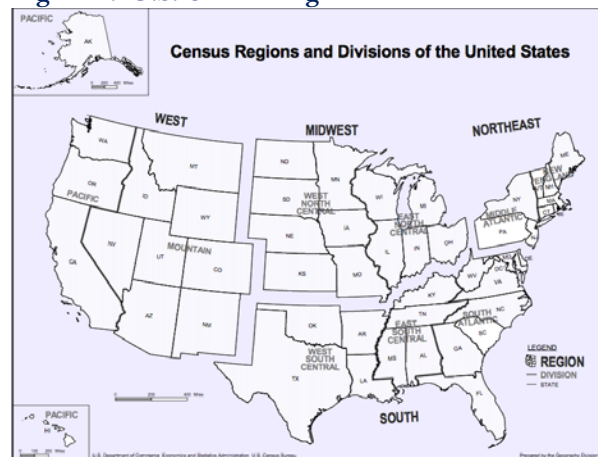
NHIS data were pooled and the analyses were conducted using SAS statistical software package version 9.2 with adjustments for sample weights and design effects. Records from each survey year were weighted according to person-level weights provided in annual NHIS data files. Weights were adjusted according to the number of representative years used in analyses. Prevalence rates of all variables were calculated, and rates in Florida were compared to those in the rest of the U.S. and the regions of the U.S. The states included in each region are displayed in Figure 1 (Pleis et al., 2010). All

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prevalence rate comparisons described below were significant at the  $p < .05$  level.

Given confidentiality concerns, the NHIS public use data files do not include a variable indicating the state in which a participant was interviewed. All analyses were, therefore, performed at the secure Research Data Center (RDC) of the National Center for Health Statistics (NCHS). Following review for potential disclosure violations (e.g., small cell sizes), the output from requested analyses were returned to the investigators. The study was approved by the University of Miami Institutional Review Board.

**Figure 1. U.S. Census Regions and Divisions**



## Results

### Cancer History

From 1997-2010, NHIS participants in Florida reported an overall higher prevalence of cancer than did participants in the rest of the US and in all of the distinct U.S. regions (8.4% vs. 6.9%-7.1%) (Table 1). Black Floridians reported a lower prevalence of cancer history than the rest of the U.S., the rest of the South, and the Midwest, and those of "other" race reported lower cancer history prevalence than the rest of the U.S. and the West. The uninsured and those working on farms reported a lower prevalence compared to the rest of the U.S., the rest of the South, and the Midwest.

### Current Smoking

Floridians reported a lower overall prevalence of current smoking than the rest of the US, the rest of the South, and the Midwest (20.7% vs. 21.8%-24.3%), but there was no significant difference between Florida and the Northeast (Table 2). In contrast, farm workers in Florida reported a much higher smoking prevalence than the rest of the US (32.2% vs. 24.2%). Floridians also reported a greater prevalence of smoking than did the West overall (20.7% vs. 17.8%), and among nearly all socio-demographic groups.

*Risky Drinking*

Overall, Floridians reported a substantially lower prevalence of risky drinking than the rest of the U.S. and each region of the U.S., 31.9% vs. 34.5%-40.1% (Table 3). Hispanics in Florida reported a markedly lower prevalence of risky drinking than Hispanics in other regions (24.4% vs. 32.3%-42.8%), as did uninsured Floridians (39.2% vs. 45.1%-50.3%). Those aged 60 years and older in Florida, however, reported a greater prevalence of risky drinking compared to the rest of the U.S. and all regions, except the West.

*Obesity*

There was a lower overall prevalence of obesity in Florida compared to the rest of the U.S., the rest of the South, and the Midwest, 21.8% vs. 24.2%-26.3% (Table 4). In contrast, most socio-demographic groups in Florida reported a higher prevalence of obesity than the West, and those born outside the U.S. also reported a higher prevalence when compared to all areas of the U.S., except the rest of the South (21.2% vs. 18.6%-20.6%).

*Physical Activity*

Floridians reported an overall lower prevalence of physical activity compliance than the rest of the U.S., the West, the Northeast, and the Midwest, 31.5% vs. 31.8%-35.5% (Table 5). In contrast, Floridians reported a higher prevalence of physical activity than the rest of the South (31.5% vs. 28.3%), and this was true for nearly every sociodemographic group except Hispanics and those born outside the U.S. Compared to nearly all areas of the U.S. except the West, Floridians aged 60 years and older, those of "other" race, non-Hispanics, those at less than twice the FPL, and the unemployed also reported a higher prevalence of physical activity compliance.

*Sun Protection Concern*

Overall, Floridians reported a lower concern for sun protection compared to the rest of the U.S. and all regions except the West, 45.5% vs. 49.9%-57.4% (Table 6). Florida prevalence rates were largely similar to those in the West with the exception that those in Florida aged 50-69 years (50-59y: 42.6% vs. 40.4%; 60-69y: 42.8% vs. 38.5%), non-Hispanics (44.7% vs. 43.6%), farm workers (42.5% vs. 29.3%), and those born in the U.S. (50.0% vs. 47.9%) reported a higher prevalence of sun protection concern than their Western counterparts.

*Colorectal Cancer Screening & Blood Stool Test*

The overall prevalence of ever receiving a colorectal cancer screening exam was lower in Florida compared to the rest of the U.S., the Northeast, and the Midwest, 44.5% vs. 46.4%-47.7% (Table 7). In contrast, those age 70-79 years (61.7% vs. 55.0%-56.8%), those with less than a high school education (40.6% vs. 28.1%-35.2%), and the unemployed (52.2% vs. 48.1%-49.5%) reported a higher prevalence than those in nearly all other areas of the U.S.

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Those born outside the U.S. also reported a higher prevalence of screening in Florida compared to the rest of the U.S. (40.5% vs. 37.3%) and the West (40.5% vs. 32.8%). Florida participants did not differ from the rest of the U.S. in the prevalence of ever receiving a home or office blood stool test, but there was variation in comparison to the regions (Table 8).

*Clinical Breast Exam*

Overall, women in Florida reported a lower prevalence of ever receiving a clinical breast exam compared to the rest of the U.S. and all regions of the U.S., 78.3% vs. 80.3%-89.8% (Table 9). In contrast, women aged 60-69 years (85.8% vs. 81.8%) and 80+ years (77.4% vs. 73.2%) and the unemployed (80.3% vs. 77.8%) reported a higher prevalence of lifetime clinical breast exam compared to their counterparts in the West. Floridian women born in the U.S. reported a higher prevalence than those in the rest of the South (83.5% vs. 81.1%).

*Mammography*

Women in Florida reported an overall lower prevalence of ever receiving a mammogram than women in the rest of the U.S., the Northeast, and the Midwest (85.8% vs. 86.3%-87.6%) (Table 10). In contrast, a higher prevalence was reported in Florida by women aged 70-79 years, Hispanics, those with less than a high school education, those at less than twice the FPL, the unemployed, those in blue-collar positions, and those born outside the U.S. when compared to the rest of the U.S. and most regions.

*Papanicolaou Test*

Women in Florida reported an overall lower prevalence of ever receiving a Pap test compared to the rest of the U.S., the rest of the South, the Northeast, and the Midwest, 90.3% vs. 91.7%-94.3% (Table 11). This pattern of lower prevalence was true for nearly all sociodemographic groups, except women born outside the U.S., who reported a higher prevalence of Pap test compared to the rest of the U.S. and all regions except the Northeast (87.1% vs. 80.4%-83.0%). Women in Florida also reported a lower prevalence of receiving a Pap test in the past year compared to the rest of the U.S. and all regions except the West, 63.9% vs. 64.9%-67.2% (Table 12). Female Floridian farm workers reported a substantially lower prevalence than their counterparts in the rest of the U.S. and all regions except the Northeast (38.7% vs. 57.8%-68.7%). In contrast, a higher prevalence was reported for women aged 60-69 years (62.9% vs. 53.3%-55.4%), 70-79 years (52.2% vs. 39.1%-41.7%), and 80+ years (32.0% vs. 22.9%-26.4%), those with less than a high school education (55.4% vs. 50.3%-53.9%), and the unemployed (58.4% vs. 55.4%-56.9%).

*PSA Test*

Overall, men in Florida reported a greater prevalence of ever receiving a PSA test compared to the

rest of the U.S. and all regions, 67.0% vs. 58.9%-64.6% (Table 13), and those with less than a high school education reported a markedly greater prevalence (61.7% vs. 42.4%-51.3%). In contrast, Florida farm workers reported a substantially lower prevalence than the rest of the U.S. and all other regions (22.4% vs. 37.5%-58.9%). Compared to the rest of the South, those aged 50-59 years, Blacks, those with more than a high school education, the employed, and those in the white-collar sector also reported a lower prevalence of ever receiving a PSA test. Men in Florida also reported a higher prevalence of receiving a PSA test in the past year compared to the rest of the U.S. and all regions, 71.2% vs. 65.2%-68.4% (Table 14). As with lifetime testing, male farm workers reported a substantially lower prevalence compared to the rest of the U.S. and all regions (41.6% vs. 58.7%-83.5%), and those in the blue-collar sector also reported a lower prevalence in the rest of the U.S. and all regions except the West (52.4% vs. 58.9%-65.7%). In addition, men in Florida aged 40-49 years reported a lower prevalence than the rest of the U.S. and the Northeast.

## Discussion

This study demonstrates that significant differences exist in cancer history, risk factors, and screening behaviors across and within regions of the U.S.; for example, Floridians reported a higher prevalence of cancer history than the rest of the U.S. and all regions, although these rates are not adjusted for age. The results of this study also provide the opportunity to determine how Florida and the rest of the U.S. measure up to national goals, namely the *Healthy People* initiative, which has established measurable objectives to improve the nation's health by the year 2020 (U.S. Department of Health and Human Services).

### *Cancer Risk Factors*

Floridians reported a lower smoking prevalence than did the rest of the U.S.; however, with a smoking prevalence of 20.7%, the state is far from meeting the *Healthy People* target of reducing the prevalence to only 12.0%. This is particularly true for some segments of the Florida population that reported a much greater prevalence of smoking than the rest of the U.S., namely farm workers, a group needing targeted interventions that may require the use of novel techniques to encourage cessation. While Floridians reported an overall lower prevalence of smoking compared to most areas of the U.S., Floridians reported a greater prevalence than the West in nearly every sociodemographic group, particularly farm workers. This lower prevalence in the West may be a testament to the long-standing anti-smoking laws enacted in many Western States as well as a successful anti-tobacco campaign conducted in California (American Non-Smokers' Rights

Foundation; Campaign for Tobacco-Free Kids); however, the West, too, falls short of the *Healthy People* objective for smoking prevalence.

The prevalence of risky drinking was also lower in Florida compared to the rest of the U.S., particularly among Florida's Hispanic population and the uninsured, which may reflect positive public health progress in these populations. However, the *Healthy People* goal to reduce excessive drinking should be emphasized in Florida's older population, which demonstrates greater risk.

Obesity is one of the most serious and costly public health issues facing the U.S. today (Centers for Disease Control and Prevention, 2010). Both Florida and the rest of the U.S. surpassed the *Healthy People* goal of having an obesity prevalence of 30.6%; however, this goal represents only a 10% decrease from the baseline prevalence of 34% and continued improvement is needed. Florida's reported obesity rate was approximately 3% lower than the rest of the U.S. and over 5% lower than the rest of the Southern U.S. Those living in Florida but born outside the U.S. reported a greater prevalence of obesity than their counterparts in the rest of the U.S., and this relationship may speak to differences in the culture and lifestyle of the countries of origins of foreign-born residents as well as their length of time in the U.S. (Park, Myers, Kao, & Min, 2009). It also highlights the need for further evaluation at the regional and local levels in order to more effectively target specific sociodemographic and cultural groups.

Unfortunately, Florida did not demonstrate an advantage over the rest of the U.S. in terms of physical activity compliance, especially in comparison to the West. Florida Hispanic in particular lagged behind the rest of the U.S. Floridians did have a higher prevalence of physical activity in some groups, especially those aged 60 years and older. This may be due in part to the so-called "snowbird" effect. Some of Florida's older population is transplanted from other areas of the country and, because they have sufficient health for travel, they may also be more likely to maintain an active lifestyle (Centers for Disease Control and Prevention, 1999). Regardless, all sociodemographic groups and areas of the country failed to meet the *Healthy People* objective that seeks to have 47.9% of people in compliance with weekly physical activity recommendations. Physical activity must continue to be emphasized in public health campaigns.

Despite Florida's designation as the "sunshine state," its residents reported a lower concern for sun protection than the rest of the U.S., a serious public health issue in Florida given its proximity to the equator and its increased UV Index (National Weather Service). Our study team has recently published a report documenting Florida's greater prevalence of skin screening in the past 12 months com-

pared to the rest of the U.S. (Fernandez et al., 2012), which is encouraging for early detection of skin cancer, particularly that of melanoma. However, because skin cancer is the most commonly diagnosed type of cancer (Watson et al., 2011), sun protection and the primary prevention of skin cancer must continue to be key public health goals in Florida, particularly for Floridian farm workers who showed substantially lower concern, but who have greater exposure due to their occupation.

#### *Cancer Screening*

Cancer screening is particularly important given the older population of Florida who are at greatest risk. Florida residents lag behind the rest of the U.S. in all screening exams except the PSA test. *Healthy People* has set a target of 70.5% of adults receiving a colorectal screening according to current guidelines; however, both Florida and the rest of the U.S. fell far short of this goal with only 44.5% and 46.4%, respectively, ever receiving a screening exam. It remains unclear why Floridians aged 70-79 years, those with less than a high school education, those who are unemployed, and those born outside the U.S. would have better colorectal cancer screening rates compared to their counterparts in the rest of the U.S. But because colorectal cancer is one of the most common cancers and screening can effectively reduce mortality (Frazier, Colditz, Fuchs, & Kuntz, 2000), increasing the number of people receiving screening in both Florida and the U.S. overall is critical.

Florida reported a high prevalence of lifetime clinical breast exam and lifetime mammogram, but still lagged behind the rest of the U.S. and all regions except the West for mammography. We did not evaluate the prevalence of screening compliance with current guidelines so it is not possible to say whether Florida would meet the *Healthy People* objective of 81.1% of women being compliant. As with colorectal cancer screenings, it is not clear why those in lower socioeconomic groups (i.e., Hispanics, those with less than a high school education, those at less than twice the FPL, the unemployed, those in blue-collar professions, and those born outside the U.S.) reported better mammography screening rates, but it may be due to the availability of free screenings programs for those with limited resources (Florida Department of Health, 2011).

Whereas most Florida women (90.3%) received a Pap test in their lifetime, only 63.9% had received one in the past year, lower than in the rest of the U.S. Both Florida and the rest of the U.S. are far behind the 93% sought by the *Healthy People* objectives. As with mammography, free screening programs exist for Pap tests (Florida Department of Health, 2011), but Floridian women need to be bet-

ter targeted for these programs, particularly Floridian women under 60 years of age and female farm workers.

Florida reported a greater prevalence of lifetime and past year PSA test than did the rest of the US and all regions. There is no *Healthy People* objective for PSA screening, and the American Cancer Society recommends only that men aged 50 years and older talk with their doctor about the benefits and risks of receiving the test (American Cancer Society, 2011a). Men in Florida aged 70 years and older were much more likely to have been screened than their counterparts in the rest of the U.S. It is unclear why this may be, but there are few barriers to administering this test for anyone receiving routine physical examinations and having blood drawn for other reasons. In addition, Floridian farm workers reported substantially lower screening rates than their counterparts in the rest of the U.S. and should be targeted for screening. In 2011, the U.S. Preventive Services Taskforce recommended against the PSA test all together (Harris, 2011), however, and a resulting decrease in screening prevalence may be seen in the coming years.

Across all screening tests except the PSA test, there was consistently poorer screening among Florida's uninsured compared to the insured and compared to the uninsured in the rest of the U.S. The unfortunate impact of a lack of insurance on adequate medical care has been discussed previously (Kaiser Family Foundation, 2011). However, it appears that Florida's uninsured may be at even greater risk for insufficient screening, highlighting the need for improved screening programs and additional resources for Florida's uninsured population.

#### *Strengths and Limitations*

First, the cross-sectional nature of the NHIS does not allow for the determining causal relationships. Additionally, the NHIS relies on self-report data, which may introduce recall bias. Lastly, because data are presented at the state level, sample sizes for some socio-demographic groups were too small for evaluation, particularly for those identified as farm workers. However, the NHIS provides large sample sizes that are representative of the U.S. population. Such samples are unavailable in other data sources and allow for comparisons between geographic regions, a major strength of this study. This study also uses data from the cancer supplements to the NHIS, which are the only national population-based source of cancer-related factors. Further, while cancer risk factor data are also collected at the state level

Table 1. Reported Prevalence of Cancer History in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 1997-2010 NHIS

Socio demographics	FL %(95% CI)	Rest of US %(95% CI)	Western US %(95% CI)	Southern US <sup>±</sup> %(95% CI)	Northeastern US %(95% CI)	Midwestern US %(95% CI)	All of US %(95% CI)
<b>Total</b>	8.4 (7.7-9.2)	7.1 (6.9-7.2)*	6.9 (6.7-7.2) *	7.1 (6.9-7.3) *	7.0 (6.8-7.3) *	7.1 (6.9-7.3) *	7.1 (7.0-7.3)
<b>Gender</b>							
Male	8.1 (7.2-9.1)	6.1 (6.0-6.3)*	5.9 (5.6-6.2) *	6.2 (6.0-6.5) *	6.4 (6.0-6.7) *	6.0 (5.7-6.3) *	6.2 (6.1-6.4)
Female	8.7 (8.0-9.5)	7.9 (7.8-8.1)*	7.9 (7.6-8.3) *	7.9 (7.6-8.1) *	7.6 (7.3-8.0) *	8.2 (7.9-8.5) *	8.0 (7.8-8.1)
<b>Age (yrs)</b>							
18-29	1.2 (0.9-1.6)	1.2 (1.1-1.3)	1.0 (0.8-1.2) *	1.3 (1.2-1.5)	1.1 (0.9-1.3)	1.2 (1.0-1.3)	1.2 (1.1-1.3)
30-39	1.5 (1.1-2.0)	2.1 (2.0-2.3) *	2.1 (1.8-2.3) *	2.3 (2.1-2.5) *	1.9 (1.7-2.2) *	2.2 (2.0-2.5) *	2.1 (2.0-2.2)
40-49	4.5 (3.8-5.3)	4.4 (4.3-4.6) *	4.3 (4.0-4.7)	4.5 (4.2-4.9)	4.2 (3.8-4.6)	4.6 (4.2-4.9)	4.4 (4.3-4.6)
50-59	8.8 (7.8-9.9)	8.2 (8.0-8.5) *	8.8 (8.2-9.3)	8.6 (8.1-9.1)	7.6 (7.0-8.3) *	7.8 (7.4-8.3) *	8.3 (8.0-8.5)
60-69	15.8 (14.4-17.3) 23.8 (21.7-26.1)	14.8 (14.4-15.2) *	14.3 (13.5-15.2) *	15.2 (14.4-16.0)	14.5 (13.6-15.4) *	14.9 (14.1-15.7) *	14.9 (14.5-15.3)
70-79	27.3 (24.9-29.8)	21.5 (20.9-22.0) *	22.0 (20.9-23.1) *	22.0 (21.0-22.9) *	19.8 (18.6-21.1) *	22.0 (20.9-23.1) *	21.7 (21.1-22.2)
80+		24.8 (24.0-25.6) *	26.7 (24.9-28.6)	24.5 (23.0-26.0) *	22.5 (21.1-23.9) *	25.6 (24.3-27.0) *	25.0 (24.3-25.7)
<b>Race</b>							
White	9.6 (8.8-10.5)	7.9 (7.7-8.0) *	7.7 (7.4-8.0) *	8.2 (8.0-8.5) *	7.9 (7.6-8.2) *	7.6 (7.4-7.9) *	8.0 (7.8-8.1)
Black	2.9 (2.4-3.6)	3.5 (3.3-3.7) *	3.2 (2.7-3.8)	3.4 (3.2-3.7) *	3.2 (2.9-3.7)	3.9 (3.4-4.4) *	3.4 (3.3-3.6)
Other	2.6 (1.4-4.6)	2.8 (2.6-3.1) *	3.2 (2.9-3.6) *	2.6 (2.2-3.1)	2.3 (1.8-3.0)	2.3 (1.8-3.0)	2.8 (2.6-3.0)
<b>Ethnicity</b>							
Non-Hispanic	9.6 (8.7-10.5)	7.7 (7.5-7.8) *	8.5 (8.2-8.8) *	7.6 (7.4-7.9) *	7.5 (7.2-7.8) *	7.3 (7.1-7.6) *	7.8 (7.6-7.9)
Hispanic	3.7 (3.1-4.4)	2.3 (2.2-2.4) *	2.1 (1.9-2.3) *	2.4 (2.1-2.8) *	2.8 (2.4-3.2) *	2.2 (1.8-2.7) *	2.4 (2.3-2.6)
<b>Education</b>							
More than High School	8.7 (7.9-9.6)	6.9 (6.7-7.0) *	7.5 (7.2-7.9) *	6.8 (6.5-7.1) *	6.8 (6.5-7.2) *	6.4 (6.1-6.7) *	7.0 (6.8-7.1)
High School	8.1 (7.1-9.2)	7.2 (7.0-7.4) *	7.3 (6.9-7.8) *	6.9 (6.6-7.3) *	7.1 (6.7-7.6) *	7.5 (7.2-7.9) *	7.3 (7.1-7.5)
Less than High School	8.5 (7.3-9.8)	7.4 (7.2-7.7) *	4.7 (4.3-5.1) *	8.1 (7.7-8.6)	7.7 (7.1-8.3) *	9.1 (8.6-9.8) *	7.5 (7.3-7.7)
<b>Health Insurance</b>							
Insured	10.1 (9.2-11.0)	7.9 (7.8-8.0) *	8.1 (7.8-8.4) *	8.1 (7.8-8.3) *	7.7 (7.4-8.0) *	7.7 (7.4-7.9) *	8.0 (7.9-8.1)
Uninsured	2.2 (1.7-2.8)	2.7 (2.6-2.9) *	2.2 (1.9-2.4)	3.1 (2.8-3.4) *	2.1 (1.8-2.5)	3.1 (2.8-3.4) *	2.7 (2.5-2.8)
<b>Poverty Level</b>							
≥2 times federal level	8.7 (8.0-9.4)	7.0 (6.9-7.2) *	7.4 (7.1-7.8) *	7.0 (6.8-7.3) *	7.0 (6.7-7.3) *	6.8 (6.5-7.0) *	7.1 (7.0-7.3)
<2 times federal level	7.6 (6.7-8.7)	6.7 (6.9-7.2) *	5.6 (5.2-6.0) *	6.8 (6.5-7.2) *	7.0 (6.5-7.5) *	7.3 (6.9-7.7)	6.7 (6.5-6.9)
<b>Employment</b>							
Employed	4.5 (4.1-5.0)	4.2 (4.1-4.3) *	4.2 (3.9-4.4) *	4.2 (4.0-4.4) *	4.2 (4.0-4.5) *	4.2 (4.0-4.4) *	4.2 (4.1-4.3)
Not Employed	13.7 (12.5-15.0)	11.5 (11.3-11.8) *	11.1 (10.6-11.6) *	11.5 (11.1-11.9) *	11.3 (10.8-11.9) *	12.1 (11.7-12.6) *	11.7 (11.4-11.9)
White-collar	5.0 (4.5-5.6)	4.9 (4.8-5.1)	5.0 (4.7-5.4)	4.9 (4.6-5.2)	4.9 (4.6-5.2)	4.8 (4.6-5.1)	4.9 (4.8-5.1)
Service	3.9 (3.2-4.9)	3.8 (3.5-4.0)	3.4 (3.0-4.0)	3.9 (3.5-4.3)	3.4 (3.0-3.9) *	4.2 (3.7-4.7)	3.8 (3.6-4.0)
Farm	2.4 (1.0-5.5)	3.4 (2.8-4.0) *	1.8 (1.2-2.7)	4.0 (2.9-5.5) *	2.4 (1.1-5.0)	4.8 (3.8-6.2) *	3.3 (2.8-4.0)
Blue-collar	3.6 (2.8-4.7)	2.7 (2.6-2.9) *	2.5 (2.2-2.8) *	2.8 (2.6-3.1) *	2.9 (2.6-3.3) *	2.6 (2.3-3.0) *	2.8 (2.6-2.9)
<b>Birth Place</b>							
US Born	10.7 (9.3-12.3)	8.4 (8.2-8.6) *	8.8 (8.4-9.3) *	8.1 (7.7-8.4) *	8.8 (8.3-9.2) *	8.2 (7.8-8.6) *	8.5 (8.3-8.7)
Foreign Born	4.5 (3.7-5.4)	3.1 (2.9-3.4) *	2.8 (2.5-3.1) *	2.8 (2.4-3.3) *	4.3 (3.8-4.8)	2.7 (2.2-3.3) *	3.3 (3.1-3.5)

\*Significantly different from Florida at p < .05.  
±Excluding Florida



**Table 2. Prevalence of Current Smoking in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 1997-2010 NHIS**

Socio demographics	FL % [95% CI]	Rest of US % [95% CI]	Western US % [95% CI]	Southern US <sup>±</sup> % [95% CI]	Northeastern US % [95% CI]	Midwestern US % [95% CI]	All of US % [95% CI]
<b>Total</b>	20.7 (19.9-21.5)	21.8 (21.6-22.1) *	17.8 (17.3-18.3) *	23.4 (22.9-23.8) *	20.5 (19.9-21.0)	24.3 (23.8-24.7) *	21.7 (21.5-22.0)
<b>Gender</b>							
Male	23.1 (22.0-24.2)	24.4 (24.1-24.7) *	20.7 (20.1-21.3) *	26.5 (26.0-27.1) *	22.1 (21.4-22.9) *	26.7 (26.1-27.3) *	24.3 (24.0-24.6)
Female	18.5 (17.6-19.4)	19.4 (19.1-19.7) *	15.0 (14.5-15.5) *	20.5 (20.0-21.0) *	19.0 (18.5-19.6) *	22.0 (21.4-22.6) *	19.4 (19.1-19.6)
<b>Age (yrs)</b>							
18-29	23.7 (21.7-25.8)	25.5 (25.0-26.0) *	20.3 (19.5-21.1) *	25.9 (25.0-26.9) *	25.4 (24.3-26.5) *	29.3 (28.3-30.4) *	25.4 (24.9-25.9)
30-39	24.1 (22.3-25.9)	24.3 (23.9-24.8)	19.1 (18.4-19.9) *	25.8 (25.1-26.5) *	22.8 (21.8-23.9) *	28.2 (27.3-29.1) *	24.3 (23.9-24.7)
40-49	26.8 (25.6-28.0)	25.4 (24.9-25.8) *	20.4 (19.5-21.3) *	27.9 (27.1-28.7) *	23.7 (22.7-24.7) *	27.8 (27.0-28.6) *	25.4 (25.0-25.9)
50-59	23.3 (22.0-24.7)	22.4 (22.0-22.8) *	18.3 (17.4-19.2) *	24.7 (24.0-25.4) *	21.2 (20.3-22.0) *	24.0 (23.0-25.0)	22.5 (22.0-22.9)
60-69	14.9 (13.6-16.3)	16.9 (16.4-17.3) *	14.6 (13.6-15.6)	17.9 (17.2-18.6) *	16.2 (15.2-17.2) *	18.0 (17.1-19.0) *	16.7 (16.3-17.2)
70-79	8.8 (7.5-10.4)	9.8 (9.4-10.1) *	9.3 (8.5-10.2)	10.6 (9.9-11.2) *	9.0 (8.3-9.9) *	9.8 (9.1-10.5) *	9.7 (9.3-10.1)
80+	3.4 (2.6-4.5)	4.0 (3.7-4.3) *	4.3 (3.6-5.0) *	3.6 (3.1-4.3)	4.2 (3.7-4.9)	4.0 (3.5-4.5) *	4.0 (3.7-4.3)
<b>Race</b>							
White	21.7 (20.9-22.6)	22.1 (21.8-22.4) *	18.0 (17.5-18.5) *	23.8 (23.3-24.3) *	20.9 (20.3-21.5) *	24.3 (23.8-24.9) *	22.1 (21.8-22.3)
Black	16.0 (14.5-17.6)	22.6 (22.1-23.2) *	21.9 (20.2-23.6) *	22.5 (21.7-23.2) *	20.6 (19.5-21.9) *	25.4 (24.0-26.8) *	22.2 (21.6-22.7)
Other	16.4 (12.9-20.7)	16.4 (15.7-17.0)	15.1 (14.3-16.0) *	19.4 (17.8-21.0) *	13.8 (12.7-15.0) *	19.3 (17.2-21.5) *	16.4 (15.7-17.0)
<b>Ethnicity</b>							
Non-Hispanic	21.8 (20.9-22.7)	22.6 (22.3-22.8) *	18.9 (18.3-19.5) *	24.1 (23.7-24.6) *	20.8 (20.3-21.4) *	24.5 (24.0-25.0) *	22.5 (22.3-22.8)
Hispanic	16.3 (14.9-17.7)	16.0 (15.5-16.4)	14.4 (13.7-15.0) *	16.8 (16.0-17.5)	17.0 (16.0-18.0)	19.4 (17.9-21.1) *	16.0 (15.6-16.4)
<b>Education</b>							
More than High School	16.7 (16.0-17.5)	16.7 (16.4-16.9)	14.2 (13.7-14.7) *	17.5 (17.1-18.0) *	15.5 (15.0-16.1) *	18.7 (18.2-19.2) *	16.7 (16.4-16.9)
High School	25.3 (24.0-26.7)	27.8 (27.4-28.2) *	23.7 (23.0-24.5) *	28.6 (28.0-29.3) *	26.3 (25.5-27.2) *	30.5 (29.8-31.3) *	27.7 (27.3-28.0)
Less than High School	25.9 (23.8-28.0)	28.0 (27.5-28.5) *	21.4 (20.5-22.3) *	30.7 (29.9-31.4) *	26.7 (25.7-27.8)	32.5 (30.9-33.1) *	27.9 (27.4-28.4)
<b>Health Insurance</b>							
Insured	17.4 (16.8-18.1)	19.4 (19.2-19.6) *	15.9 (15.4-16.3) *	20.2 (19.8-20.6) *	18.8 (18.3-19.4) *	21.7 (21.2-22.2) *	19.3 (19.1-19.5)
Uninsured	33.3 (31.3-35.3)	34.7 (34.1-35.2) *	26.3 (25.3-27.3) *	36.8 (35.9-37.7) *	33.2 (31.8-34.7)	42.4 (41.2-43.6) *	34.6 (34.0-35.1)
<b>Poverty Level</b>							
≥2 times federal level	19.2 (18.6-19.9)	19.8 (19.5-20.0) *	16.3 (15.8-16.9) *	20.7 (20.3-21.2) *	18.9 (18.3-19.5)	22.2 (21.7-22.7) *	19.7 (19.5-20.0)
<2 times federal level	26.1 (24.5-27.8)	28.8 (28.3-29.3) *	23.1 (22.2-24.0) *	30.6 (29.8-31.4) *	27.6 (26.5-28.7) *	32.2 (31.3-33.1) *	28.6 (28.2-29.1)
<b>Employment</b>							
Employed	23.5 (22.5-24.5)	23.0 (22.7-23.3) *	18.7 (18.1-19.2) *	24.3 (23.8-24.8) *	21.8 (21.1-22.5) *	25.7 (25.2-26.3) *	23.0 (22.7-23.3)
Not Employed	17.2 (16.2-18.3)	20.0 (19.7-20.3) *	16.6 (16.0-17.2) *	22.0 (21.4-22.6) *	18.5 (17.9-19.2) *	21.7 (21.1-22.3) *	19.8 (19.5-20.1)
White-collar	19.8 (18.8-20.9)	18.0 (17.7-18.3) *	15.2 (14.6-15.8) *	19.0 (18.5-19.5) *	17.1 (16.5-17.8) *	19.9 (19.2-20.6)	18.1 (17.8-18.4)
Service	23.3 (21.4-25.3)	27.2 (26.5-27.8) *	21.9 (20.7-23.2) *	26.9 (25.7-28.2) *	27.3 (25.8-28.7) *	31.9 (30.7-33.1) *	26.9 (26.3-27.6)
Farm	32.2 (24.7-40.8)	24.2 (22.6-26.0) *	17.9 (15.7-20.2) *	30.9 (27.5-34.5)	24.9 (20.1-30.5) *	24.8 (21.6-28.3) *	24.6 (23.0-26.4)
Blue-collar	33.3 (31.1-35.5)	32.6 (32.0-33.1) *	26.0 (25.0-27.1) *	34.2 (33.3-35.1) *	31.6 (30.2-32.9) *	35.7 (34.8-36.7) *	32.6 (32.1-33.1)
<b>Birth Place</b>							
US Born	21.0 (20.0-22.0)	22.1 (21.7-22.4) *	18.9 (18.0-19.7) *	23.3 (22.7-23.9) *	20.7 (19.8-21.6)	23.8 (23.1-24.5) *	22.0 (21.7-22.3)
Foreign Born	12.7 (11.3-14.3)	12.1 (11.7-12.6) *	11.2 (10.5-12.0) *	13.6 (12.5-14.8)	11.4 (10.6-12.3) *	13.5 (11.9-15.2)	12.2 (11.7-12.7)

\*Significantly different from Florida at p < .05.

±Excluding Florida

Table 3. Prevalence of Risky Drinking\*\* in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 1997-2010 NHIS

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	31.9 (30.4-33.4)	37.4 (37.1-37.8) *	38.3 (37.6-38.9) *	36.4 (35.7-37.1) *	34.5 (33.8-35.2) *	40.1 (39.3-40.9) *	37.1 (36.7-37.5)
<b>Gender</b>							
Male	39.2 (37.2-41.3)	46.9 (46.4-47.3) *	46.9 (46.0-47.7) *	45.6 (44.8-46.5) *	43.8 (42.8-44.8) *	50.5 (49.5-51.5) *	46.4 (45.9-46.9)
Female	23.3 (21.9-24.7)	26.8 (26.4-27.2) *	28.0 (27.3-28.8) *	25.4 (24.7-26.2) *	24.9 (24.2-25.7) *	28.8 (28.1-29.6) *	26.6 (26.3-27.0)
<b>Age (yrs)</b>							
18-29	42.1 (38.9-45.4)	52.1 (51.3-52.9) *	52.7 (51.3-54.1) *	48.1 (46.8-49.4) *	52.1 (50.3-53.8) *	55.9 (54.3-57.6) *	51.6 (50.9-52.4)
30-39	33.9 (31.4-36.4)	40.6 (40.0-41.1) *	42.1 (41.0-43.2) *	37.9 (36.9-38.9) *	37.8 (36.6-38.9) *	44.4 (43.4-45.5) *	40.2 (39.7-40.8)
40-49	31.0 (28.7-33.3)	34.9 (34.3-35.4) *	35.3 (34.2-36.4) *	33.6 (32.6-34.7) *	32.0 (30.8-33.2) *	38.1 (37.0-39.2) *	34.7 (34.1-35.2)
50-59	28.3 (26.0-30.7)	29.8 (29.2-30.4) *	30.2 (28.9-31.4) *	29.9 (28.6-31.1) *	27.8 (26.5-29.1) *	31.1 (29.9-32.3) *	29.7 (29.1-30.3)
60-69	27.5 (24.8-30.5)	25.5 (24.8-26.2) *	27.6 (25.9-29.3) *	25.5 (24.1-26.9) *	24.8 (23.5-26.2) *	24.4 (23.1-25.7) *	25.6 (25.0-26.3)
70-79	24.2 (22.0-26.6)	21.7 (20.8-22.6) *	24.6 (22.8-26.4) *	22.1 (20.2-24.2) *	20.3 (18.7-22.1) *	20.2 (18.3-22.1) *	21.9 (21.1-22.8)
80+	19.9 (16.0-24.5)	17.8 (16.6-19.0) *	21.6 (18.9-24.5) *	18.3 (15.8-21.1) *	16.7 (14.7-18.9) *	15.1 (13.3-17.2) *	18.0 (16.9-19.2)
<b>Race</b>							
White	32.7 (31.0-34.5)	38.7 (38.3-39.1) *	39.2 (38.4-39.9) *	37.9 (37.1-38.6) *	35.8 (35.1-36.5) *	41.2 (40.4-42.1) *	38.3 (37.9-38.7)
Black	25.9 (23.2-28.8)	28.4 (27.7-29.2) *	32.0 (30.0-34.1) *	29.2 (28.0-30.4) *	25.6 (23.9-27.3) *	27.5 (26.0-28.9) *	28.3 (27.5-29.0)
Other	27.1 (21.3-33.8)	32.5 (31.4-33.6) *	33.2 (31.5-34.8) *	36.3 (33.8-38.9) *	23.6 (21.7-25.6) *	35.4 (32.6-38.2) *	32.4 (31.3-33.5)
<b>Ethnicity</b>							
Non-Hispanic	33.5 (31.9-35.1)	37.1 (36.7-37.5) *	37.9 (37.1-38.7) *	35.5 (34.7-36.2) *	34.7 (34.0-35.4) *	40.0 (39.2-40.8) *	36.9 (36.5-37.3)
Hispanic	24.4 (21.8-27.2)	40.4 (39.5-41.2) *	39.8 (38.7-41.0) *	44.8 (43.0-46.5) *	32.3 (30.6-34.0) *	42.8 (39.9-45.8) *	38.8 (38.0-39.6)
<b>Education</b>							
More than High School	31.8 (30.3-33.3)	36.5 (36.0-36.9) *	36.8 (36.0-37.6) *	34.6 (33.7-35.5) *	34.5 (33.7-35.4) *	39.7 (38.7-40.7) *	36.2 (35.8-36.7)
High School	32.1 (29.9-34.3)	38.3 (37.7-38.8) *	40.4 (39.2-41.7) *	37.6 (36.6-38.6) *	34.2 (33.2-35.3) *	40.6 (39.6-41.6) *	37.9 (37.4-38.4)
Less than High School	31.9 (29.1-34.9)	40.8 (40.0-41.5) *	41.9 (40.6-43.3) *	42.3 (40.8-43.7) *	35.4 (33.7-37.3) *	41.6 (40.2-43.1) *	40.2 (39.5-40.9)
<b>Health Insurance</b>							
Insured	30.0 (28.6-31.5)	35.6 (35.2-36.0) *	36.1 (35.4-36.8) *	33.9 (33.2-34.7) *	33.2 (32.5-33.9) *	38.7 (37.9-39.5) *	35.3 (34.9-35.7)
Uninsured	39.2 (36.1-42.4)	47.5 (46.8-48.3) *	48.4 (47.2-49.6) *	46.3 (45.1-47.4) *	45.1 (43.3-47.0) *	50.3 (48.6-52.1) *	46.9 (46.2-47.6)
<b>Poverty Level</b>							
≥2 times federal level	33.1 (31.4-34.9)	38.0 (37.6-38.4) *	38.5 (37.7-39.3) *	35.8 (35.1-36.5) *	35.8 (35.1-36.6) *	41.5 (40.7-42.3) *	37.7 (37.4-38.1)
<2 times federal level	33.2 (30.8-35.6)	41.7 (41.0-42.5) *	42.9 (41.7-44.1) *	42.1 (40.7-43.5) *	37.9 (36.2-39.7) *	42.8 (41.1-44.6) *	41.2 (40.5-42.0)
<b>Employment</b>							
Employed	34.2 (32.4-36.1)	40.0 (39.6-40.4) *	41.2 (40.4-42.0) *	38.0 (37.3-38.8) *	37.1 (36.3-37.9) *	43.2 (42.3-44.1) *	39.7 (39.3-40.1)
Not Employed	27.9 (26.2-29.7)	31.7 (31.2-32.3) *	32.3 (31.4-33.3) *	32.5 (31.5-33.6) *	29.0 (27.9-30.1)	32.6 (31.4-33.7) *	31.4 (30.9-32.0)
White-collar	30.9 (29.2-32.7)	35.6 (35.2-36.1) *	36.6 (35.8-37.5) *	33.4 (32.5-34.3) *	33.5 (32.6-34.5) *	38.9 (37.9-39.9) *	35.4 (34.9-35.8)
Service	34.0 (30.9-37.3)	40.7 (39.8-41.7) *	43.3 (41.3-45.3) *	38.4 (36.7-40.2) *	37.7 (35.6-39.9) *	43.2 (41.6-44.9) *	40.3 (39.4-41.2)
Farm	46.4 (36.1-57.0)	48.9 (46.4-51.3) *	49.0 (44.4-53.6)	49.4 (45.1-53.7)	53.6 (46.1-60.9)	46.5 (41.9-51.1)	48.8 (46.3-51.2)
Blue-collar	43.1 (40.0-46.2)	50.7 (50.0-51.3) *	52.4 (51.0-53.8) *	48.7 (47.5-49.8) *	47.5 (46.0-49.1) *	53.4 (52.1-54.7) *	50.3 (49.6-50.9)
<b>Birth Place</b>							
US Born	33.2 (30.9-35.7)	39.2 (38.6-39.8) *	40.1 (38.9-41.3) *	37.7 (36.7-38.8) *	36.6 (35.4-37.7) *	41.8 (40.7-43.0) *	38.9 (38.3-39.5)
Foreign Born	23.9 (20.9-27.3)	32.6 (31.7-33.6) *	33.0 (31.6-34.5) *	37.1 (35.0-39.2) *	26.7 (24.9-28.6) *	34.2 (31.4-37.1) *	31.7 (30.8-32.7)

\*\*Defined as ten or more drinks/week in men and seven or more drinks/week in women, or five or more drinks at one sitting, one or more times/year for both men and women.

\*Significantly different from Florida at p < .05.

±Excluding Florida

Table 4. Prevalence of Obesity in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 1997-2010 NHIS

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	21.8 (21.1-22.6)	24.2 (24.0-24.4) *	21.4 (21.0-21.9)	26.3 (25.9-26.7) *	22.1 (21.6-22.6)	25.4 (25.0-25.8) *	24.0 (23.8-24.3)
<b>Gender</b>							
Male	22.2 (21.1-23.3)	24.4 (24.1-24.7) *	21.7 (21.1-22.3)	26.2 (25.7-26.7) *	23.0 (22.3-23.6) *	25.5 (24.9-26.0) *	24.2 (24.0-24.5)
Female	21.5 (20.7-22.3)	24.0 (23.7-24.3) *	21.2 (20.7-21.7)	26.5 (26.0-27.0) *	21.3 (20.6-21.9)	25.3 (24.8-25.9) *	23.9 (23.6-24.1)
<b>Age (yrs)</b>							
18-29	15.3 (14.3-16.4)	17.5 (17.1-17.9) *	15.8 (15.2-16.5)	19.9 (19.1-20.6) *	14.6 (13.7-15.4)	17.8 (17.0-18.7) *	17.4 (17.0-17.8)
30-39	22.1 (20.7-23.6)	24.3 (23.9-24.7) *	21.2 (20.4-22.0) *	27.7 (27.0-28.4) *	21.1 (20.1-22.0) *	25.0 (24.2-25.9) *	24.2 (23.8-24.6)
40-49	24.4 (22.7-26.1)	27.3 (26.9-27.7) *	24.5 (23.7-25.3)	30.1 (29.4-30.8) *	24.4 (23.5-25.4)	28.5 (27.7-29.3) *	27.1 (26.8-27.5)
50-59	26.8 (24.9-28.8)	30.0 (29.5-30.5) *	26.5 (25.5-27.5)	31.8 (31.0-32.7) *	28.4 (27.3-29.4) *	31.9 (31.0-32.7) *	29.8 (29.3-30.3)
60-69	26.7 (24.8-28.7)	28.5 (28.0-29.0) *	25.7 (24.7-26.7)	29.1 (28.2-30.1) *	27.2 (26.1-28.2)	31.2 (30.1-32.3) *	28.4 (27.9-28.9)
70-79	21.5 (19.7-23.3)	22.6 (22.1-23.2) *	19.6 (18.5-20.7) *	22.8 (21.9-23.8) *	21.9 (20.9-23.1)	25.4 (24.2-26.6) *	22.5 (22.0-23.1)
80+	10.7 (9.2-12.5)	12.9 (12.3-13.5) *	11.7 (10.6-12.9)	12.4 (11.5-13.4) *	12.7 (11.6-13.9) *	14.5 (13.3-15.7) *	12.7 (12.2-13.3)
<b>Race</b>							
White	20.6 (19.6-21.6)	23.5 (23.3-23.7) *	21.9 (21.4-22.4) *	24.5 (24.1-25.0) *	21.9 (21.3-22.4) *	24.8 (24.4-25.3) *	23.3 (23.1-23.6)
Black	30.8 (29.3-32.4)	33.6 (33.1-34.1) *	30.4 (28.8-32.1)	35.4 (34.7-36.1) *	29.0 (27.9-30.0) *	34.4 (33.3-35.5) *	33.4 (32.9-33.9)
Other	12.5 (10.5-14.9)	15.3 (14.6-16.0) *	15.3 (14.3-16.3) *	17.8 (15.9-19.8) *	11.5 (10.3-12.8)	16.7 (14.9-18.6) *	15.2 (14.5-15.9)
<b>Ethnicity</b>							
Non-Hispanic	21.7 (20.9-22.6)	23.8 (23.6-24.0) *	19.8 (19.3-20.4) *	26.0 (25.6-26.4) *	21.8 (21.3-22.4)	25.3 (24.9-25.7) *	23.7 (23.5-23.9)
Hispanic	22.2 (20.7-23.7)	27.1 (26.6-27.6) *	26.6 (25.8-27.3) *	29.5 (28.3-30.7) *	24.2 (23.2-25.2) *	27.3 (25.7-28.9) *	26.6 (26.1-27.1)
<b>Education</b>							
More than High School	20.5 (19.5-21.5)	21.7 (21.5-22.0) *	19.4 (18.8-19.9) *	23.9 (23.4-24.5) *	18.7 (18.0-19.5) *	23.6 (23.1-24.1) *	21.7 (21.4-22.0)
High School	23.3 (22.0-24.7)	26.8 (26.5-27.2) *	23.9 (23.2-24.7)	28.6 (27.9-29.2) *	25.8 (25.1-26.6) *	27.4 (26.7-28.1) *	26.6 (26.3-26.9)
Less than High School	23.9 (22.4-25.5)	27.6 (27.2-28.0) *	24.8 (24.0-25.6) *	29.4 (28.7-30.1) *	26.7 (25.7-27.7) *	28.1 (27.1-29.1) *	27.4 (27.0-27.8)
<b>Health Insurance</b>							
Insured	22.2 (21.3-23.1)	24.1 (23.8-24.3) *	21.4 (20.9-21.9) *	25.9 (25.5-26.3) *	22.2 (21.7-22.7)	25.5 (25.1-26.0) *	24.0 (23.7-24.2)
Uninsured	20.4 (19.3-21.6)	24.8 (24.3-25.2) *	21.7 (21.0-22.5) *	28.1 (27.3-28.8) *	21.4 (20.2-22.6)	24.6 (23.6-25.7) *	24.4 (24.0-24.9)
<b>Poverty Level</b>							
≥2 times federal level	21.8 (20.7-22.9)	23.6 (23.4-23.9) *	20.7 (20.1-21.2) *	25.4 (25.0-25.9) *	21.7 (21.0-22.4)	25.4 (24.9-25.9) *	23.5 (23.3-23.8)
<2 times federal level	24.4 (23.2-25.5)	27.4 (27.0-27.8) *	24.6 (23.8-25.4)	29.8 (29.1-30.6) *	25.5 (24.5-26.5) *	27.7 (26.9-28.5) *	27.2 (26.8-27.6)
<b>Employment</b>							
Employed	21.9 (21.1-22.8)	23.9 (23.6-24.2) *	21.0 (20.5-21.6) *	26.4 (25.9-26.8) *	21.5 (20.9-22.1)	24.9 (24.4-25.4) *	23.8 (23.5-24.0)
Not Employed	21.9 (20.8-23.1)	24.7 (24.4-25.0) *	22.1 (21.5-22.7)	26.3 (25.8-26.9) *	22.9 (22.2-23.6) *	25.6 (25.6-26.8) *	24.5 (24.2-24.8)
White-collar	21.7 (20.5-22.8)	22.2 (21.9-22.5) *	19.3 (18.7-20.0) *	24.7 (24.1-25.2) *	19.4 (18.7-20.0) *	23.8 (23.2-24.4) *	22.1 (21.9-22.4)
Service	23.1 (20.5-22.8)	26.3 (25.7-27.0) *	22.9 (21.8-24.1)	30.1 (29.0-31.2) *	24.0 (22.7-25.4)	26.5 (25.2-27.8) *	26.1 (25.5-26.7)
Farm	25.1 (17.9-34.1)	21.3 (19.8-23.0) *	18.6 (15.7-21.9) *	22.4 (19.6-25.4)	22.3 (17.2-28.4)	22.8 (20.2-25.6)	21.5 (20.0-23.1)
Blue-collar	21.4 (19.5-23.5)	26.7 (26.2-27.2) *	24.6 (23.5-25.7) *	28.1 (27.3-28.9) *	26.0 (24.9-27.2) *	26.9 (25.9-27.9) *	26.4 (26.0-26.9)
<b>Birth Place</b>							
US Born	25.5 (24.4-26.6)	27.7 (27.3-28.0) *	24.6 (23.8-25.3) *	29.8 (29.2-30.4) *	25.4 (24.6-26.3)	28.7 (28.0-29.4) *	27.5 (27.2-27.9)
Foreign Born	21.2 (19.4-23.1)	19.7 (19.1-20.3) *	20.0 (19.1-21.0) *	20.6 (19.4-21.9)	18.9 (17.8-20.1) *	18.6 (17.1-20.1) *	19.9 (19.3-20.4)

\*Significantly different from Florida at p < .05.

±Excluding Florida

Table 5. Prevalence of Physical Activity<sup>‡</sup> in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 1997-2010 NHIS

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	31.5 (30.0-33.0)	31.8 (31.5-32.1) *	35.5 (34.8-36.1) *	28.3 (27.7-28.9) *	32.6 (32.0-33.2) *	32.4 (31.8-33.1) *	31.8 (31.5-32.1)
<b>Gender</b>							
Male	35.4 (33.9-37.0)	34.6 (34.2-35.0) *	38.0 (37.2-38.8) *	31.2 (30.5-32.0) *	36.0 (35.3-36.8)	34.9 (34.1-35.7)	34.7 (34.3-35.1)
Female	27.7 (26.0-29.5)	29.2 (28.9-29.6) *	33.1 (32.4-33.8) *	25.7 (25.0-26.3) *	29.6 (28.9-30.4) *	30.1 (29.4-30.8) *	29.1 (28.8-29.5)
<b>Age (yrs)</b>							
18-29	37.1 (34.2-40.2)	38.2 (37.6-38.8) *	40.6 (39.4-41.9) *	34.3 (33.3-35.4) *	39.9 (38.5-41.3) *	40.0 (38.9-41.1) *	38.2 (37.6-38.8)
30-39	33.9 (31.6-36.2)	34.8 (34.3-35.2) *	37.2 (36.3-38.2) *	31.7 (30.9-32.5) *	35.5 (34.5-36.4) *	36.0 (34.9-37.0) *	34.7 (34.2-35.2)
40-49	31.4 (29.0-34.0)	32.6 (32.1-33.1) *	36.0 (34.9-37.1) *	28.8 (27.4-29.3) *	34.8 (33.7-35.9) *	33.1 (32.1-34.1) *	32.5 (32.0-33.0)
50-59	28.6 (26.5-30.9)	30.0 (29.5-30.6) *	34.2 (33.0-35.5) *	26.1 (25.2-27.1) *	31.8 (30.6-33.1) *	29.9 (28.9-30.9) *	29.9 (29.4-30.5)
60-69	30.6 (28.4-32.8)	27.9 (27.3-28.5) *	32.7 (31.5-34.0) *	24.3 (23.3-25.3) *	29.0 (27.8-30.2) *	27.7 (26.6-28.9) *	28.1 (27.5-28.6)
70-79	28.8 (26.2-31.5)	22.8 (22.2-23.5) *	29.4 (28.0-30.8)	19.1 (18.1-20.1) *	22.7 (21.3-24.0) *	22.2 (20.9-23.5) *	23.3 (22.7-23.9)
80+	17.6 (14.9-20.8)	12.7 (12.1-13.3) *	16.7 (15.4-18.1)	11.9 (10.7-13.2) *	11.3 (10.3-12.5) *	11.5 (10.5-12.5) *	13.0 (12.5-13.7)
<b>Race</b>							
White	32.4 (30.8-34.1)	32.9 (32.5-33.2) *	36.1 (35.3-36.8) *	29.4 (28.7-30.1) *	34.3 (33.6-35.0) *	33.1 (32.4-33.7) *	32.8 (32.5-33.2)
Black	25.8 (23.7-28.1)	25.8 (25.2-26.4)	35.4 (33.7-37.2) *	24.2 (23.4-25.1) *	24.7 (23.4-26.2)	26.9 (25.5-28.4)	25.8 (25.2-26.4)
Other	32.1 (27.5-37.1)	29.1 (28.3-29.9) *	31.8 (30.6-32.9)	27.5 (25.8-29.2) *	23.4 (21.9-25.0) *	29.7 (27.5-32.1)	29.2 (28.4-29.9)
<b>Ethnicity</b>							
Non-Hispanic	33.6 (32.0-35.3)	32.7 (32.4-33.1) *	38.7 (37.9-39.4) *	28.8 (28.2-29.5) *	33.8 (33.2-34.4)	32.6 (31.9-33.3) *	32.8 (32.4-33.1)
Hispanic	22.8 (21.2-24.4)	24.9 (24.4-25.4) *	25.7 (24.9-26.4) *	24.2 (23.3-25.2) *	21.6 (20.6-22.7) *	28.6 (26.9-30.3) *	24.7 (24.2-25.2)
<b>Education</b>							
More than High School	37.7 (36.1-39.2)	39.4 (39.0-39.8) *	42.7 (41.9-43.4) *	36.4 (35.7-37.2) *	40.3 (39.5-41.0) *	39.3 (38.5-40.0) *	39.3 (38.9-39.7)
High School	27.1 (25.2-29.2)	25.7 (25.3-26.1) *	30.2 (29.3-31.0) *	22.5 (21.9-23.3) *	26.1 (25.2-26.9) *	26.1 (25.3-27.0) *	25.8 (25.4-26.2)
Less than High School	20.2 (18.4-22.0)	18.4 (18.0-18.9) *	20.4 (19.7-21.2)	16.3 (15.6-17.0) *	18.8 (17.7-19.8) *	19.8 (18.9-20.6)	18.5 (18.1-18.9)
<b>Health Insurance</b>							
Insured	32.5 (31.0-34.1)	32.7 (32.4-33.0)	36.9 (36.2-37.6) *	29.4 (28.7-30.0) *	33.2 (32.5-33.8)	32.9 (32.2-33.6)	32.7 (32.4-33.0)
Uninsured	27.6 (25.6-29.7)	27.2 (26.6-27.7)	29.7 (28.7-30.6) *	23.9 (23.1-24.7) *	28.5 (27.1-30.0)	29.3 (28.1-30.6) *	27.2 (26.7-27.7)
<b>Poverty Level</b>							
≥2 times federal level	35.9 (34.4-37.3)	36.7 (36.3-37.1) *	41.1 (40.3-41.8) *	33.1 (32.5-33.8) *	37.4 (36.7-38.2) *	36.7 (36.0-37.4) *	36.7 (36.3-37.0)
<2 times federal level	24.7 (22.7-26.8)	23.9 (23.4-24.4) *	26.7 (25.8-27.6) *	21.2 (20.4-22.1) *	23.1 (22.0-24.2) *	26.0 (24.8-27.1) *	23.9 (23.5-24.4)
<b>Employment</b>							
Employed	33.2 (31.6-34.9)	34.9 (34.6-35.3) *	38.0 (37.3-38.8) *	31.3 (30.6-31.9) *	36.7 (35.9-37.4) *	35.5 (34.8-36.2) *	34.8 (34.5-35.2)
Not Employed	29.6 (27.8-31.4)	27.3 (26.9-27.7) *	32.1 (31.3-32.8) *	24.2 (23.5-24.9) *	26.9 (26.1-27.7) *	27.4 (26.6-28.3) *	27.4 (27.1-27.8)
White-collar	35.1 (33.4-36.8)	38.3 (37.9-38.7) *	42.2 (41.4-43.1) *	34.9 (34.2-35.7)	39.4 (38.5-40.2) *	38.2 (37.4-39.0) *	38.1 (37.7-38.5)
Service	32.2 (29.3-35.1)	32.8 (32.1-33.5)	35.0 (33.6-36.4) *	28.9 (27.8-30.0) *	33.2 (31.6-34.8)	35.3 (33.8-36.8) *	32.7 (32.1-33.4)
Farm	25.3 (18.3-33.8)	25.9 (24.0-27.9)	21.5 (18.3-25.2) *	24.3 (20.7-28.2)	41.6 (34.4-49.1) *	26.5 (23.8-29.4)	25.9 (24.0-27.8)
Blue-collar	29.0 (26.5-31.6)	28.1 (27.5-28.7) *	29.9 (28.5-31.2)	24.6 (23.7-25.6) *	30.8 (29.5-32.1) *	29.7 (28.6-30.8)	28.2 (27.6-28.7)
<b>Birth Place</b>							
US Born	33.5 (30.8-36.4)	33.2 (32.8-33.7)	39.0 (37.9-40.1) *	28.9 (28.1-29.7) *	35.1 (34.2-36.0) *	33.1 (32.2-34.0)	33.2 (32.8-33.7)
Foreign Born	24.3 (22.6-26.1)	25.7 (25.1-26.4) *	26.2 (25.3-27.2) *	26.6 (25.3-27.9) *	21.9 (20.7-23.1) *	29.4 (27.2-31.8) *	25.6 (25.0-26.2)

<sup>‡</sup>Defined as compliant with the 2010 Healthy People recommendations

\*Significantly different from Florida at p < .05.

±Excluding Florida

**Table 6. Prevalence of Sun Protection Concerns in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>‡</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	45.5 (43.6-47.3)	51.6 (51.1-52.0) *	46.1 (45.2-47.0)	51.6 (50.9-52.3) *	49.9 (48.9-50.9) *	57.4 (56.4-58.3) *	51.2 (50.8-51.6)
<b>Gender</b>							
Male	52.4 (50.3-54.4)	57.5 (56.9-58.1) *	51.7 (50.4-53.0)	56.9 (55.9-58.0) *	57.6 (56.2-59.0) *	63.2 (62.0-64.5) *	57.2 (56.6-57.8)
Female	39.0 (36.4-41.7)	46.1 (45.5-46.6) *	40.6 (39.6-41.7) *	46.7 (45.8-47.7) *	43.2 (42.1-44.4) *	51.9 (50.7-53.1) *	45.7 (45.1-46.2)
<b>Age (yrs)</b>							
18-29	55.1 (51.2-59.0)	62.6 (61.7-63.6) *	58.4 (56.5-60.3) *	64.1 (62.4-65.7) *	60.5 (58.2-62.8) *	65.6 (63.8-67.4) *	62.2 (61.3-63.1)
30-39	49.2 (46.5-51.9)	54.4 (53.5-55.2) *	49.0 (47.3-50.7)	54.9 (53.3-56.4) *	51.5 (49.4-53.6) *	60.4 (58.6-62.3) *	54.1 (53.2-54.9)
40-49	45.9 (42.6-49.2)	51.5 (50.6-52.3) *	45.7 (44.1-47.4)	51.3 (49.9-52.7) *	50.0 (47.8-52.2) *	57.7 (56.0-59.4) *	51.2 (50.3-52.0)
50-59	42.6 (38.9-46.5)	48.1 (47.2-49.0) *	40.4 (38.8-42.1) *	47.9 (46.4-49.4) *	48.0 (46.0-50.0) *	54.9 (53.1-56.6) *	47.8 (47.0-48.7)
60-69	42.8 (38.4-47.4)	45.2 (44.1-46.3) *	38.5 (36.1-41.0) *	44.5 (42.6-46.4)	44.4 (42.2-46.7)	52.1 (49.6-54.6) *	45.0 (44.0-46.1)
70-79	33.8 (29.0-39.0)	38.7 (37.5-39.9) *	33.7 (30.9-36.5)	36.0 (34.0-38.1) *	40.4 (37.8-43.0) *	44.8 (42.5-47.0) *	38.3 (37.2-39.5)
80+	29.3 (23.2-36.2)	32.7 (31.2-34.3) *	26.4 (23.5-29.5)	26.6 (23.7-29.6)	36.9 (33.7-40.1) *	40.3 (42.5-47.0) *	32.5 (31.0-34.0)
<b>Race</b>							
White	42.4 (40.4-44.4)	49.9 (49.4-50.4) *	44.9 (43.9-45.9) *	49.1 (48.3-50.0) *	47.7 (46.6-48.7) *	56.4 (55.4-57.4) *	49.5 (49.0-50.0)
Black	61.0 (58.0-64.0)	62.5 (61.4-63.6) *	58.4 (54.8-61.8)	61.0 (59.5-62.4)	66.0 (64.0-68.0) *	65.3 (62.5-68.0) *	62.4 (61.4-63.4)
Other	52.0 (41.2-62.7)	54.0 (52.3-55.7) *	50.1 (47.6-52.6)	56.3 (52.7-59.8) *	53.7 (49.3-57.9)	63.6 (59.2-67.8) *	53.9 (52.2-55.6)
<b>Ethnicity</b>							
Non-Hispanic	44.8 (42.6-47.0)	50.9 (50.4-51.3) *	43.6 (42.6-44.5) *	51.0 (50.3-51.8) *	48.8 (47.8-49.8) *	57.0 (56.0-57.9) *	50.6 (50.1-51.0)
Hispanic	47.9 (44.5-51.4)	56.8 (55.8-57.9) *	53.8 (52.3-55.2) *	56.7 (54.7-58.7) *	60.6 (57.8-63.4) *	66.0 (62.6-69.3) *	55.9 (54.9-56.9)
<b>Education</b>							
More than High School	41.7 (39.8-43.6)	47.3 (46.7-47.9) *	41.7 (40.7-42.7)	47.4 (46.4-48.4) *	45.2 (44.0-46.5) *	53.7 (52.4-54.9) *	47.0 (46.4-47.5)
High School	48.3 (45.0-51.6)	6.8 (56.1-57.6) *	50.4 (48.8-52.0) *	57.0 (55.7-58.4) *	54.7 (53.0-56.3) *	62.1 (60.6-63.5) *	56.3 (55.6-57.1)
Less than High School	52.9 (48.5-57.2)	56.1 (55.2-57.1) *	53.7 (51.8-55.7)	54.8 (53.1-56.4) *	57.2 (55.0-59.3) *	60.9 (58.9-63.0) *	56.0 (55.0-56.9)
<b>Health Insurance</b>							
Insured	42.9 (41.2-44.7)	49.5 (49.0-50.0) *	43.4 (42.5-44.4)	48.9 (48.1-49.7) *	48.2 (47.2-49.2) *	55.9 (55.0-56.9) *	49.2 (48.7-49.6)
Uninsured	53.8 (50.4-57.2)	62.3 (61.3-63.3) *	56.9 (55.0-58.7)	63.1 (61.6-64.6) *	63.3 (60.3-66.2) *	67.6 (65.3-69.8) *	61.6 (60.7-62.6)
<b>Poverty Level</b>							
≥2 times federal level	43.5 (41.6-45.3)	49.6 (49.1-50.2) *	44.1 (43.0-45.2)	49.2 (48.2-50.1) *	47.7 (46.5-48.9) *	56.1 (55.0-57.2) *	49.3 (48.7-49.8)
<2 times federal level	53.7 (50.0-57.3)	56.9 (56.1-57.6) *	52.1 (50.4-53.7)	57.4 (56.2-58.6) *	56.4 (54.7-58.1) *	60.9 (59.1-62.7) *	56.7 (55.9-57.4)
<b>Employment</b>							
Employed	47.1 (44.8-49.4)	53.7 (53.2-54.2) *	47.5 (46.3-48.6)	54.0 (53.2-54.9) *	52.0 (50.8-53.2) *	59.4 (58.4-60.5) *	53.3 (52.8-53.8)
Not Employed	43.3 (40.3-46.3)	48.1 (47.5-48.8) *	43.8 (42.6-45.0)	48.0 (46.9-49.1) *	46.4 (45.0-47.8) *	53.6 (52.1-55.0) *	47.8 (47.2-48.5)
White-collar	42.0 (39.1-45.1)	48.9 (48.2-49.6) *	43.2 (41.9-44.6)	49.5 (48.4-50.6) *	46.6 (45.1-48.0) *	54.5 (53.2-55.8) *	48.5 (47.9-49.1)
Service	51.8 (47.9-55.7)	59.1 (58.0-60.2) *	53.4 (51.0-55.8)	57.8 (55.9-59.6) *	59.7 (56.9-62.4) *	65.0 (62.7-67.2) *	58.6 (57.6-59.7)
Farm	42.5 (29.3-56.9)	45.8 (42.5-49.1)	29.3 (24.6-34.5) *	50.6 (44.6-56.5) *	53.7 (40.5-66.5)	59.9 (53.2-66.2) *	45.6 (42.4-48.8)
Blue-collar	58.0 (53.6-62.4)	62.8 (61.7-63.8) *	56.7 (54.3-59.0)	62.2 (60.4-64.0) *	62.5 (60.0-64.8) *	67.9 (66.0-69.8) *	62.5 (61.5-63.5)
<b>Birth Place</b>							
US Born	50.0 (46.8-53.2)	54.6 (53.9-55.3) *	47.9 (46.3-49.4) *	55.0 (53.9-56.1) *	52.6 (50.8-54.3) *	60.3 (59.1-61.5) *	54.4 (53.7-55.1)
Foreign Born	49.4 (46.4-52.3)	55.7 (54.2-57.2) *	51.6 (49.4-53.8) *	56.3 (53.1-59.6) *	59.1 (56.2-62.0) *	61.6 (56.6-66.3) *	55.1 (53.7-56.5)

§Defined as those who always or most of the time wear sunscreen, hats or long sleeves or who do not go into the sun.

\*Significantly different from Florida at p < .05.

‡Excluding Florida

Table 7. Prevalence of Ever Having Colorectal Exam in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	44.5 (42.3-46.8)	46.4 (45.7-47.0) *	45.9 (44.5-47.4)	45.5 (35.3-45.8)	47.7 (46.3-49.1) *	46.9 (45.6-48.2) *	46.2 (45.6-46.9)
<b>Gender</b>							
Male	46.1 (42.9-49.4)	48.4 (47.4-49.3) *	48.0 (45.9-50.0)	4.64 (44.9-48.0)	52.1 (49.9-54.4) *	48.1 (46.2-49.9) *	48.2 (47.3-49.1)
Female	43.2 (40.2-46.2)	44.7 (43.9-45.5) *	44.1 (42.2-46.0)	44.5 (43.1-45.8)	44.0 (42.4-45.6)	45.9 (44.3-47.5) *	44.6 (43.8-45.3)
<b>Age (yrs)</b>							
50-59	28.9 (24.3-33.9)	38.2 (37.3-39.2) *	36.2 (34.3-38.1) *	37.2 (35.6-38.9) *	41.7 (39.4-44.0) *	38.5 (36.6-40.5) *	37.8 (36.8-38.7)
60-69	49.7 (45.5-53.9)	52.0 (50.8-53.1) *	52.4 (49.6-55.2)	50.9 (49.0-52.8)	51.9 (49.4-54.4)	53.1 (50.8-55.3) *	51.8 (50.7-52.9)
70-79	61.7 (58.7-64.6)	55.5 (54.2-56.8) *	56.8 (54.1-59.3) *	55.0 (52.7-57.2) *	55.8 (52.8-58.6) *	55.0 (52.6-57.4) *	56.0 (54.8-57.2)
80+	45.1 (39.8-50.5)	48.6 (46.9-50.2) *	51.1 (47.3-54.8) *	46.9 (43.8-50.0)	45.9 (42.3-49.6)	50.8 (47.9-53.7) *	48.3 (46.7-49.9)
<b>Race</b>							
White	46.3 (43.7-48.9)	47.6 (46.9-48.3) *	47.5 (45.9-49.0)	46.7 (45.5-48.0)	49.2 (47.6-50.7) *	47.5 (46.2-48.9)	47.5 (46.9-48.2)
Black	33.5 (29.5-37.8)	40.3 (46.9-48.3) *	41.2 (36.2-46.4) *	39.7 (37.3-42.0) *	40.9 (37.5-44.5) *	40.8 (37.4-44.3) *	39.8 (38.3-41.4)
Other	20.2 (11.2-33.6)	34.4 (31.6-37.4) *	35.6 (31.8-39.5) *	36.1 (29.4-43.4) *	26.5 (20.2-33.9) *	37.7 (29.1-47.2) *	34.0 (31.3-36.9)
<b>Ethnicity</b>							
Non-Hispanic	46.9 (44.6-49.2)	47.5 (46.8-48.2)	48.7 (31.8-39.5) *	46.4 (45.2-47.5)	48.5 (47.0-50.0) *	47.9 (45.9-48.5)	47.5 (46.8-48.1)
Hispanic	32.1 (27.6-36.8)	30.9 (29.1-32.6)	29.4 (26.8-32.3)	30.0 (27.2-32.9)	35.5 (31.5-39.8)	30.7 (24.0-38.2)	31.0 (29.4-32.7)
<b>Education</b>							
More than High School	48.6 (45.0-52.2)	53.1 (52.3-54.0) *	52.6 (50.9-54.2) *	53.0 (51.4-54.6) *	55.1 (53.2-56.9) *	52.2 (50.5-54.0) *	52.8 (52.0-53.7)
High School	41.6 (37.2-46.1)	43.9 (42.9-45.0) *	43.1 (40.4-45.7)	43.1 (41.1-45.1)	45.0 (43.0-47.1) *	44.4 (42.4-46.4) *	43.8 (42.7-44.8)
Less than High School	40.6 (36.5-44.9)	34.5 (33.3-35.6) *	28.1 (25.5-30.7) *	35.2 (33.4-37.0) *	34.3 (31.9-36.8) *	38.6 (36.3-41.0)	34.9 (33.8-36.0)
<b>Health Insurance</b>							
Insured	48.1 (45.9-50.4)	48.4 (47.8-49.1)	48.9 (47.4-50.4)	47.7 (46.5-48.9)	49.0 (47.6-50.4)	48.5 (47.2-49.9)	48.4 (47.8-49.1)
Uninsured	13.2 (9.4-18.1)	19.8 (18.1-21.7) *	15.7 (12.7-19.1)	21.3 (18.6-24.4) *	24.2 (19.3-30.0) *	19.0 (15.7-22.7) *	19.2 (17.6-21.0)
<b>Poverty Level</b>							
≥2 times federal level	47.3 (43.7-50.8)	51.4 (50.6-52.3) *	51.0 (49.3-52.6) *	51.0 (49.4-52.6) *	53.4 (51.4-55.3) *	50.8 (49.0-52.7) *	51.2 (50.3-52.0)
<2 times federal level	38.7 (34.2-43.4)	38.2 (37.1-39.4)	33.3 (30.9-35.8) *	37.7 (35.8-39.6)	39.0 (36.4-41.7)	42.5 (40.2-44.8) *	38.3 (37.1-39.4)
<b>Employment</b>							
Employed	31.8 (28.0-35.9)	42.7 (41.7-43.8) *	41.3 (39.4-43.1) *	41.7 (40.0-43.6) *	46.3 (43.9-48.6) *	42.2 (40.0-44.4) *	42.1 (41.1-43.1)
Not Employed	52.2 (49.4-55.0)	49.3 (48.5-50.1) *	49.5 (47.7-51.4) *	48.1 (46.8-49.4) *	49.0 (47.4-50.7) *	50.8 (49.3-52.4)	49.5 (48.7-50.2)
White-collar	36.4 (31.9-41.0)	47.4 (46.1-48.6) *	45.8 (43.7-47.9) *	47.2 (44.7-49.8) *	49.5 (46.7-52.3) *	47.0 (44.5-49.6) *	46.8 (45.5-48.0)
Service	25.8 (17.8-35.7)	36.3 (34.0-38.7) *	33.5 (29.1-38.2) *	36.0 (32.1-40.1) *	38.6 (33.3-44.1) *	37.3 (32.4-42.4) *	35.6 (33.4-37.9)
Farm	7.5 (0.9-43.1)	23.7 (18.4-30.1) *	11.7 (6.2-21.0)	26.8 (17.5-38.8) *	40.6 (17.2-69.2) *	27.0 (17.8-38.7) *	23.3 (18.1-29.5)
Blue-collar	22.2 (15.6-30.5)	34.7 (32.8-36.7) *	33.6 (29.1-38.5) *	32.2 (29.0-35.6) *	41.3 (36.4-46.3) *	33.7 (30.4-37.2) *	34.1 (32.2-36.1)
<b>Birth Place</b>							
US Born	52.3 (47.8-56.8)	53.5 (52.6-54.5) *	53.7 (51.6-55.8)	52.4 (50.9-53.9)	56.5 (54.3-58.7) *	52.7 (50.7-54.6)	53.5 (52.5-54.4)
Foreign Born	40.5 (35.3-45.8)	37.3 (34.9-39.8) *	32.8 (29.4-36.4) *	40.9 (34.7-47.3)	42.2 (37.8-46.8)	35.0 (27.6-43.1)	37.7 (35.5-40.0)

\*Significantly different from Florida at p < .05.

±Excluding Florida

**Table 8. Prevalence of Ever Having Home or Office Blood Stool test in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	39.5 (37.1-42.1)	39.7 (39.0-40.4)	41.3 (39.8-42.9) *	36.3 (35.1-37.5) *	40.5 (39.2-41.9)	42.0 (40.6-43.3) *	39.7 (39.1-40.4)
<b>Gender</b>							
Male	39.4 (35.4-43.5)	38.3 (37.4-39.3) *	40.2 (38.3-42.1)	34.6 (32.8-36.4) *	41.0 (39.3-42.8)	39.3 (37.5-41.2)	38.4 (37.5-39.3)
Female	39.7 (36.6-42.8)	40.9 (40.1-41.7) *	42.3 (40.4-44.3) *	37.8 (36.5-39.1) *	40.1 (38.4-42.0)	44.2 (42.6-45.9) *	40.8 (40.0-41.6)
<b>Age (yrs)</b>							
50-59	30.4 (27.0-34.0)	33.2 (32.4-34.0) *	33.2 (31.4-34.9) *	31.0 (29.7-32.5)	34.6 (32.7-36.4) *	34.8 (33.0-36.6) *	33.0 (32.2-33.9)
60-69	42.2 (38.8-45.6)	44.4 (43.3-45.5) *	45.6 (43.3-48.0) *	40.9 (38.9-43.1)	44.6 (42.2-47.1) *	47.7 (45.6-49.8) *	44.2 (43.2-45.3)
70-79	49.1 (44.4-53.8)	47.6 (46.2-48.9) *	52.4 (49.2-55.5) *	40.3 (38.1-42.5) *	49.8 (47.1-52.5)	50.8 (48.2-53.4)	47.7 (46.4-49.0)
80+	41.8 (36.0-47.9)	40.3 (38.6-41.9)	45.3 (41.8-49.0)	38.4 (35.3-41.5) *	36.9 (33.3-40.7) *	41.3 (38.5-44.2)	40.4 (38.8-42.0)
<b>Race</b>							
White	40.6 (38.1-43.2)	40.8 (40.0-41.5)	42.6 (41.0-44.2) *	37.4 (36.1-38.8) *	41.7 (40.3-43.2)	42.3 (40.9-43.8) *	40.8 (40.1-41.5)
Black	32.1 (26.7-38.1)	34.6 (32.9-36.4) *	39.1 (34.0-44.5) *	32.2 (29.8-34.6)	34.0 (30.2-38.0)	40.3 (36.7-43.9) *	34.5 (32.8-36.1)
Other	27.6 (14.9-45.2)	29.8 (27.4-32.4)	32.6 (29.4-36.0) *	24.0 (19.3-29.3)	26.1 (20.9-32.0)	30.9 (21.7-41.8)	29.8 (27.4-32.3)
<b>Ethnicity</b>							
Non-Hispanic	42.7 (40.1-45.4)	40.9 (40.2-41.6) *	44.2 (42.6-45.8)	37.1 (35.8-38.4) *	41.7 (40.4-43.1)	42.2 (40.9-43.6)	41.0 (40.3-41.7)
Hispanic	22.8 (18.6-27.7)	24.3 (22.5-26.1)	24.6 (21.8-27.5)	23.7 (20.9-26.7)	22.8 (19.1-26.9)	28.6 (21.0-37.6)	24.1 (22.4-25.8)
<b>Education</b>							
More than High School	42.5 (39.0-46.1)	44.7 (43.8-45.6) *	46.6 (44.8-48.5) *	42.5 (40.9-44.2)	43.7 (41.7-45.7)	46.2 (44.3-48.0) *	44.6 (43.7-45.5)
High School	38.3 (34.8-41.9)	38.5 (37.4-39.5)	38.9 (36.5-41.3)	35.0 (33.1-37.1) *	40.7 (38.4-43.1) *	39.9 (37.9-41.9)	38.4 (37.4-39.5)
Less than High School	35.4 (32.1-38.9)	30.4 (29.3-31.6) *	28.2 (25.4-31.2) *	27.2 (25.4-29.0) *	33.6 (30.8-36.4)	35.7 (33.3-38.2)	30.7 (29.6-31.9)
<b>Health Insurance</b>							
Insured	42.3 (39.8-44.8)	41.3 (40.6-42.0) *	43.7 (42.1-45.3)	37.9 (36.6-39.2) *	41.7 (40.3-43.1)	43.0 (41.7-44.4)	41.3 (40.7-42.0)
Uninsured	15.9 (11.6-21.5)	20.1 (18.4-21.9) *	17.6 (14.5-21.1)	19.7 (17.0-22.8) *	20.2 (16.4-24.6) *	23.9 (20.1-28.0) *	19.7 (18.1-21.4)
<b>Poverty Level</b>							
≥2 times federal level	43.8 (40.3-47.3)	42.9 (42.0-43.8)	44.5 (42.5-46.5)	40.1 (38.4-41.9) *	42.6 (41.0-44.3)	44.8 (43.0-46.5)	42.9 (42.0-43.8)
<2 times federal level	34.6 (30.1-39.2)	34.3 (33.2-35.4)	33.9 (31.5-36.5)	30.9 (29.2-32.6) *	37.8 (35.0-40.7) *	37.4 (35.2-39.7) *	34.3 (33.2-35.4)
<b>Employment</b>							
Employed	32.0 (28.2-36.0)	36.1 (35.2-37.1) *	38.0 (36.0-40.1) *	32.9 (31.3-34.5)	37.2 (35.2-39.2) *	37.4 (35.5-39.4) *	35.9 (35.0-36.8)
Not Employed	44.3 (41.5-47.1)	42.7 (41.8-43.5) *	44.2 (42.3-46.0)	38.7 (37.3-40.2) *	43.6 (41.8-45.3)	45.7 (44.2-47.3)	42.8 (42.0-43.6)
White-collar	35.1 (30.1-40.5)	39.8 (38.6-41.1) *	43.1 (40.4-45.7) *	36.6 (34.4-39.0)	39.5 (36.9-42.2) *	41.0 (38.7-43.3) *	39.6 (38.4-40.8)
Service	31.4 (24.3-39.4)	33.4 (31.3-35.7)	29.9 (25.6-34.6)	32.8 (29.3-36.5)	35.2 (30.5-40.3)	35.7 (31.0-40.7)	33.3 (31.2-35.4)
Farm	22.7 (6.8-54.3)	24.1 (19.0-30.1)	11.2 (5.5-21.4) *	27.0 (17.2-39.6)	19.2 (6.8-43.6)	32.1 (23.4-42.2) *	24.1 (19.1-29.9)
Blue-collar	21.1 (15.6-27.8)	27.8 (26.0-29.6) *	27.7 (23.5-32.4) *	24.0 (21.4-26.9) *	31.0 (27.4-34.8) *	29.8 (26.1-33.7) *	27.4 (25.7-29.2)
<b>Birth Place</b>							
US Born	39.3 (35.0-43.8)	40.0 (39.0-41.0)	42.9 (40.7-45.0) *	36.7 (34.9-38.6) *	40.2 (38.1-42.3)	41.7 (40.0-43.4) *	40.0 (39.0-40.9)
Foreign Born	26.0 (21.4-31.3)	25.3 (23.3-27.5)	24.9 (21.7-28.3)	22.5 (18.3-27.2)	27.9 (24.2-31.8)	25.5 (19.5-32.6)	25.4 (23.5-27.4)

\*Significantly different from Florida at p < .05.

±Excluding Florida

**Table 9. Prevalence of Ever Having Breast Exam in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95 CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	78.3 (75.6-80.8)	84.5 (83.9-85.1) *	80.3 (78.8-81.8) *	82.8 (81.7-83.9) *	84.4 (83.1-85.5) *	89.8 (88.6-90.9) *	84.1 (83.5-84.7)
<b>Age (yrs)</b>							
30-39	74.6 (68.7-79.7)	84.2 (83.1-85.3) *	77.8 (75.3-80.1) *	83.8 (81.7-85.8) *	83.6 (81.0-85.9) *	90.1 (88.2-91.8) *	83.7 (82.6-84.7)
40-49	77.2 (72.4-81.3)	85.8 (84.7-86.8) *	81.1 (78.5-83.4) *	83.2 (81.2-85.0) *	86.2 (83.8-88.3) *	92.3 (90.4-93.9) *	85.3 (84.3-86.3)
50-59	74.6 (65.9-81.7)	86.0 (84.8-87.2) *	83.6 (80.8-86.2) *	82.8 (80.3-85.0) *	87.6 (85.0-89.7) *	90.6 (88.4-92.5) *	85.4 (84.2-86.6)
60-69	85.8 (80.1-90.1)	86.1 (84.7-87.4)	81.8 (78.0-85.1) *	84.2 (81.7-86.4)	85.6 (82.4-88.2)	91.9 (89.6-93.7) *	86.1 (84.8-87.3)
70-79	82.2 (74.2-88.1)	81.1 (79.3-82.7)	79.8 (76.3-82.8)	79.4 (75.9-82.5)	81.3 (76.9-85.0)	84.0 (80.5-87.0)	81.2 (79.4-82.8)
80+	77.4 (67.1-85.1)	76.8 (74.6-78.9)	73.2 (68.7-77.3) *	79.1 (75.1-82.7)	73.1 (68.1-77.6)	80.0 (75.7-83.7)	76.9 (74.7-78.9)
<b>Race</b>							
White	78.9 (75.4-82.0)	85.9 (85.2-86.5) *	81.9 (80.3-83.4) *	83.9 (82.8-85.0) *	86.2 (84.8-87.4) *	90.6 (89.3-91.8) *	85.5 (84.8-86.1)
Black	76.4 (69.8-82.0)	81.4 (79.4-83.2) *	83.7 (77.5-88.4) *	80.3 (77.1-83.2) *	79.3 (75.9-82.3)	85.4 (82.5-87.8) *	81.0 (79.2-82.8)
Other	69.6 (40.4-88.6)	68.3 (65.0-71.3)	67.2 (62.1-72.0)	69.5 (62.3-75.9)	66.0 (59.0-72.3)	74.4 (66.2-81.2)	68.3 (65.0-71.4)
<b>Ethnicity</b>							
Non-Hispanic	83.4 (80.4-86.0)	86.3 (85.7-86.9) *	84.9 (83.4-86.4)	84.3 (83.1-85.5)	85.4 (84.1-86.6) *	90.1 (88.9-91.2) *	86.1 (85.5-86.8)
Hispanic	56.0 (49.4-62.4)	66.3 (64.3-68.3) *	62.6 (59.7-65.4) *	65.0 (60.7-69.0) *	71.7 (67.8-75.3) *	80.3 (72.6-86.2) *	65.1 (63.2-66.9)
<b>Education</b>							
More than High School	82.0 (78.2-85.3)	89.2 (88.5-89.9) *	87.3 (85.5-88.9) *	87.1 (85.7-88.4) *	88.7 (87.0-90.2) *	93.5 (92.3-94.6) *	88.8 (88.0-89.5)
High School	80.4 (76.3-83.9)	84.4 (83.3-85.3) *	79.2 (76.0-82.0)	82.8 (81.2-84.4) *	83.4 (81.1-85.5) *	89.6 (87.7-91.2) *	84.1 (83.1-85.0)
Less than High School	62.7 (56.9-68.1)	70.8 (69.1-72.4) *	60.5 (56.7-64.2)	73.1 (70.6-75.5) *	72.3 (67.9-76.3) *	75.8 (72.4-78.9) *	70.3 (68.7-71.8)
<b>Health Insurance</b>							
Insured	81.2 (78.2-83.9)	86.0 (85.4-86.6) *	82.6 (81.3-84.3) *	84.2 (83.0-85.3) *	85.4 (84.2-86.6) *	90.8 (89.6-91.8) *	85.7 (85.1-86.3)
Uninsured	62.7 (54.4-70.3)	72.4 (70.4-74.3) *	64.8 (61.0-68.5)	74.7 (71.6-77.6) *	72.1 (68.0-75.8) *	77.8 (72.9-82.0) *	71.6 (69.7-73.5)
<b>Poverty Level</b>							
≥2 times federal level	81.3 (78.1-84.2)	88.4 (87.7-89.1) *	85.9 (84.1-87.5) *	86.0 (84.6-87.2) *	87.5 (85.7-89.1) *	93.8 (92.7-94.7) *	88.0 (87.3-88.7)
<2 times federal level	72.6 (67.9-76.7)	77.2 (76.0-78.4) *	70.5 (67.9-73.0)	77.0 (75.0-79.0) *	78.2 (75.5-80.8) *	82.7 (80.3-84.9) *	76.9 (75.7-78.0)
<b>Employment</b>							
Employed	76.5 (72.3-80.2)	86.9 (86.1-87.6) *	83.1 (81.1-84.9) *	84.4 (83.1-85.7) *	86.9 (85.2-88.3) *	92.1 (90.9-93.2) *	86.3 (85.5-87.0)
Not Employed	80.3 (76.9-83.3)	82.0 (81.1-82.9) *	77.8 (75.7-79.8) *	81.1 (79.3-82.8)	81.8 (79.8-83.5)	87.1 (85.3-88.7) *	81.9 (81.0-82.8)
White-collar	79.3 (74.8-83.1)	89.8 (89.0-90.6) *	87.9 (85.6-89.9) *	87.3 (85.6-88.8) *	89.7 (87.9-91.2) *	93.9 (92.6-95.0) *	89.2 (88.4-90.0)
Service	67.8 (56.6-77.2)	79.5 (77.6-81.2) *	71.8 (66.9-76.2)	77.6 (74.3-80.7) *	79.3 (75.1-83.0) *	87.5 (84.2-90.2) *	78.7 (76.8-80.5)
Farm	100.0 (**)	79.6 (67.5-88.0) *	70.6 (48.5-85.9) *	78.3 (53.2-92.0) *	100.0 (**)	87.6 (67.7-96.0) *	79.8 (67.8-88.1)
Blue-collar	70.6 (58.0-80.7)	77.7 (74.5-80.6) *	65.7 (58.7-72.2)	75.9 (69.4-81.3)	77.7 (69.5-84.3)	86.6 (82.2-90.1) *	77.4 (74.3-80.2)
<b>Birth Place</b>							
US Born	83.5 (78.5-87.5)	85.1 (84.1-86.0) *	75.5 (64.1-84.1)	81.1 (79.2-82.9) *	84.9 (83.0-86.6)	89.9 (88.5-91.2) *	85.0 (84.0-85.9)
Foreign Born	58.7 (51.2-65.9)	60.7 (58.2-63.1)	82.2 (77.7-85.9) *	63.7 (58.2-68.8)	63.5 (58.8-67.9) *	73.1 (67.1-78.4) *	60.5 (58.1-62.8)

\*Significantly different from Florida at p < .05.

\*\*Sample size inadequate to calculate estimate

±Excluding Florida



**Table 10. Prevalence of Ever Having a Mammogram in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	85.8 (84.2-87.2)	86.3 (85.9-86.8) *	86.0 (85.0-87.0)	84.8 (83.8-85.7) *	87.6 (86.6-88.5) *	87.5 (86.6-88.4) *	86.3 (85.8-86.8)
<b>Age (yrs)</b>							
40-49	79.2 (74.8-83.1)	79.6 (78.6-80.5)	76.2 (74.1-78.1) *	77.9 (76.0-79.6)	83.9 (82.2-85.4) *	81.0 (79.1-82.8)	79.5 (78.6-80.4)
50-59	85.6 (82.0-88.5)	91.3 (90.6-92.0) *	92.2 (90.8-93.4) *	89.6 (88.0-91.0) *	92.3 (90.8-93.7) *	91.9 (90.4-93.1) *	91.0 (90.3-91.7)
60-69	92.2 (89.2-94.4)	91.5 (90.7-92.2)	92.5 (90.8-93.9)	90.7 (89.2-92.0) *	90.1 (87.7-92.0) *	92.9 (91.6-94.0)	91.6 (90.8-92.3)
70-79	92.2 (88.9-94.5)	89.1 (88.1-90.0) *	91.1 (89.0-92.8)	87.3 (85.5-88.8) *	88.6 (86.0-90.7) *	90.1 (88.3-91.6) *	89.3 (88.4-90.2)
80+	81.7 (72.5-88.3)	81.9 (80.3-83.3)	84.8 (81.4-87.6)	79.3 (75.8-82.4)	80.6 (77.2-83.5)	83.6 (80.8-86.0)	81.8 (80.3-83.3)
<b>Race</b>							
White	86.6 (85.1-88.0)	87.2 (86.7-87.7) *	87.4 (86.4-88.4)	85.7 (84.7-86.6)	88.5 (87.5-89.4) *	87.9 (86.9-88.8) *	87.2 (86.7-87.7)
Black	82.2 (77.2-86.3)	83.5 (81.9-85.0)	84.4 (79.3-88.4)	81.8 (79.1-84.2)	84.2 (81.5-86.5)	87.1 (84.6-89.2) *	83.5 (81.9-84.9)
Other	73.5 (64.6-86.5)	76.4 (73.8-78.8) *	76.4 (72.8-79.7)	77.9 (71.5-83.3)	76.6 (70.0-82.1)	73.5 (65.4-80.3)	76.3 (73.7-78.7)
<b>Ethnicity</b>							
Non-Hispanic	86.8 (85.1-88.3)	87.1 (86.6-87.6)	87.8 (86.8-88.7) *	85.6 (84.6-86.6) *	87.9 (87.0-88.9) *	87.7 (86.8-88.6) *	87.1 (86.6-87.5)
Hispanic	80.8 (77.2-83.9)	77.8 (76.1-79.4) *	78.2 (75.5-80.6) *	74.6 (71.3-77.5) *	82.4 (78.6-85.7)	77.2 (70.8-82.5)	78.2 (76.6-79.6)
<b>Education</b>							
More than High School	89.1 (86.5-91.3)	89.9 (89.4-90.5) *	89.7 (88.4-90.8)	89.5 (88.4-90.6)	91.2 (90.0-92.3) *	89.5 (88.6-90.5)	89.9 (89.3-90.4)
High School	83.3 (80.2-86.0)	85.3 (84.4-86.1) *	84.7 (82.8-86.3)	83.3 (81.5-84.9)	86.2 (84.7-87.6) *	86.9 (85.3-88.4) *	85.1 (84.3-85.9)
Less than High School	81.2 (77.4-84.5)	78.9 (77.8-80.0) *	76.8 (74.1-79.2) *	77.5 (75.9-79.1) *	80.2 (77.3-82.8)	82.6 (80.2-84.7)	79.1 (78.0-80.1)
<b>Health Insurance</b>							
Insured	88.3 (86.5-90.0)	88.3 (87.9-88.8)	88.5 (87.6-89.4)	87.4 (86.5-88.3) *	88.7 (87.8-89.6)	88.9 (88.0-89.8)	88.3 (87.9-88.8)
Uninsured	68.9 (62.7-74.4)	67.6 (65.6-69.6)	67.3 (63.3-71.1)	65.6 (62.2-68.8) *	71.9 (67.0-76.4)	69.1 (65.0-73.0)	67.7 (65.8-69.6)
<b>Poverty Level</b>							
≥2 times federal level	89.0 (86.2-91.2)	90.1 (89.5-90.6) *	89.6 (88.3-90.8)	89.3 (88.1-90.5)	91.3 (90.3-92.3) *	90.2 (89.2-91.2) *	90.0 (89.4-90.5)
<2 times federal level	80.8 (77.4-83.8)	79.0 (77.9-80.0) *	78.8 (76.5-81.0)	77.2 (75.2-79.1) *	80.1 (77.7-82.3)	81.1 (78.8-83.1)	79.1 (78.0-80.1)
<b>Employment</b>							
Employed	83.1 (80.1-85.7)	87.2 (86.6-87.8) *	86.0 (84.5-87.3) *	86.1 (84.8-87.4) *	89.2 (88.0-90.3) *	87.8 (86.6-88.9) *	87.0 (86.3-87.6)
Not Employed	88.1 (86.0-89.9)	85.9 (85.2-86.5) *	86.3 (85.0-87.6) *	84.1 (82.8-85.2) *	86.4 (85.0-87.7) *	87.4 (86.2-88.6)	86.0 (85.4-86.6)
White-collar	84.6 (81.3-87.4)	89.6 (88.9-90.2) *	89.0 (87.7-90.3) *	88.9 (87.4-90.2) *	90.7 (89.4-92.0) *	89.9 (88.7-91.0) *	89.3 (88.7-90.0)
Service	77.1 (69.8-83.0)	80.7 (78.8-82.4) *	77.4 (73.1-81.1)	77.8 (74.1-81.2)	85.5 (81.3-88.9) *	82.5 (79.3-85.3) *	80.4 (78.6-82.1)
Farm	79.3 (29.7-97.2)	77.8 (66.0-86.3)	76.5 (56.7-89.0)	81.5 (61.3-92.4)	28.8 (2.5-86.7)	79.1 (54.0-92.5)	77.8 (66.4-86.2)
Blue-collar	87.5 (77.2-93.5)	79.9 (77.1-82.5) *	75.6 (66.7-82.6) *	80.1 (75.6-84.0) *	83.1 (76.6-88.1)	80.2 (75.1-84.4) *	80.3 (77.6-82.7)
<b>Birth Place</b>							
US Born	87.7 (85.5-89.6)	88.4 (87.7-89.0) *	89.6 (88.2-90.8) *	86.5 (85.1-87.9)	89.8 (88.5-90.9) *	88.7 (87.4-89.9)	88.3 (87.7-89.0)
Foreign Born	82.3 (77.5-86.3)	78.9 (76.7-81.0) *	78.0 (74.5-81.2) *	76.0 (71.1-80.3) *	81.9 (77.6-85.5)	80.6 (74.0-85.9)	79.3 (77.3-81.2)

\*Significantly different from Florida at p < .05.

±Excluding Florida

**Table 11. Prevalence of Ever Having a Pap Test in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	90.3 (89.1-91.5)	92.7 (92.4-93.0) *	90.7 (90.0-91.4)	93.3 (92.8-93.8) *	91.7 (90.8-92.5) *	94.3 (93.7-94.8) *	92.6 (92.3-92.9)
<b>Age (yrs)</b>							
18-29	76.1 (70.9-80.6)	82.2 (81.1-83.2) *	77.2 (74.8-79.5)	83.8 (81.9-85.6) *	80.2 (77.0-83.1) *	85.4 (83.5-87.0) *	81.8 (80.8-82.9)
30-39	93.2 (90.8-95.0)	95.5 (95.0-96.0) *	93.9 (92.6-94.9)	96.2 (95.4-96.8) *	95.2 (94.1-96.0) *	96.4 (95.4-97.3) *	95.4 (94.9-95.8)
40-49	95.5 (93.1-97.0)	96.8 (96.4-97.1) *	95.2 (94.2-96.1)	97.3 (96.6-97.8) *	95.9 (95.0-96.7)	98.0 (97.4-98.5) *	96.7 (96.3-97.0)
50-59	94.9 (90.8-97.2)	97.4 (97.0-97.7) *	96.9 (96.0-97.6) *	97.3 (96.5-97.9) *	96.3 (95.0-97.2) *	98.7 (98.3-99.1) *	97.2 (96.8-97.6)
60-69	95.5 (92.7-97.3)	96.5 (96.0-97.0) *	95.7 (94.3-96.7)	97.1 (96.2-97.7) *	94.2 (92.5-95.5) *	98.3 (97.6-98.9) *	96.5 (96.0-96.9)
70-79	93.3 (89.4-95.8)	93.4 (92.5-94.2)	93.3 (90.9-95.1)	93.8 (92.4-94.9)	91.9 (89.3-93.9)	94.3 (92.7-95.6)	93.4 (92.5-94.2)
80+	86.7 (81.6-90.5)	86.2 (84.8-87.5)	86.6 (83.3-89.3)	86.2 (83.3-88.6)	83.5 (80.1-86.5) *	88.3 (85.9-90.3)	86.2 (84.9-87.5)
<b>Race</b>							
White	90.4 (88.8-91.8)	93.5 (93.1-93.8) *	91.7 (91.0-92.5) *	93.9 (83.3-88.6) *	92.7 (91.7-93.6) *	94.8 (94.2-95.4) *	93.3 (92.9-93.6)
Black	91.4 (88.3-93.7)	93.1 (92.3-93.9) *	93.8 (90.7-95.9)	93.3 (92.0-94.4) *	90.8 (89.1-92.2)	94.8 (92.8-96.2) *	93.0 (92.2-93.7)
Other	81.5 (70.5-89.1)	80.5 (78.8-82.2)	82.8 (80.5-84.9)	80.7 (76.9-84.0)	77.7 (73.4-81.5)	76.7 (70.7-81.8)	80.6 (78.8-82.2)
<b>Ethnicity</b>							
Non-Hispanic	92.2 (91.0-93.2)	93.6 (93.3-93.9) *	92.4 (91.6-93.1)	94.2 (93.7-94.7) *	92.4 (91.4-93.2)	94.5 (94.0-95.1) *	93.5 (93.2-93.8)
Hispanic	83.3 (79.5-86.5)	85.5 (84.4-86.5) *	85.5 (83.9-87.0) *	85.2 (83.0-87.2)	84.7 (82.0-87.0)	87.3 (82.9-90.7)	85.2 (84.2-86.2)
<b>Education</b>							
More than High School	92.3 (89.7-94.2)	94.7 (94.3-95.0) *	93.3 (92.5-94.0) *	95.2 (94.6-95.7) *	94.4 (93.6-95.2) *	95.4 (94.7-96.0) *	94.5 (94.2-94.9)
High School	90.9 (88.9-92.5)	92.7 (92.2-93.3) *	90.6 (89.0-91.9)	93.6 (92.6-94.5) *	90.9 (93.6-95.2)	94.5 (93.6-95.4) *	92.6 (92.1-93.2)
Less than High School	83.9 (79.1-87.7)	86.4 (85.4-87.3) *	83.3 (81.1-85.3)	88.4 (86.9-89.7) *	83.4 (80.8-85.7)	88.9 (86.7-90.9) *	86.3 (85.3-87.2)
<b>Health Insurance</b>							
Insured	92.7 (91.5-93.8)	93.8 (93.5-94.1) *	92.5 (91.7-93.2)	94.5 (94.0-95.0) *	92.6 (91.8-93.4)	94.9 (94.3-95.4) *	93.7 (93.4-94.0)
Uninsured	80.4 (75.8-84.3)	86.3 (85.3-87.3) *	82.6 (80.5-84.5) *	88.2 (86.5-89.6) *	83.6 (80.8-86.0) *	89.4 (87.1-91.4) *	85.8 (84.8-86.8)
<b>Poverty Level</b>							
≥2 times federal level	94.0 (92.2-95.4)	94.9 (94.6-95.3) *	93.6 (92.7-94.4)	95.3 (94.6-95.9) *	94.5 (80.8-86.0)	96.0 (95.4-96.6) *	94.9 (94.5-95.2)
<2 times federal level	85.3 (82.2-87.9)	89.4 (88.6-90.1) *	85.9 (84.3-87.3)	90.6 (89.5-91.6) *	87.8 (85.2-90.0)	91.7 (90.2-92.9) *	89.1 (88.4-89.8)
<b>Employment</b>							
Employed	91.7 (90.0-93.1)	94.2 (93.8-94.5) *	91.9 (91.0-92.7)	94.6 (93.9-95.2) *	94.1 (93.1-95.0) *	95.5 (94.9-96.1) *	94.0 (93.7-94.4)
Not Employed	89.2 (87.1-91.0)	91.0 (90.6-91.5) *	89.7 (88.6-90.6)	92.1 (91.4-92.7) *	88.9 (87.7-89.9)	92.7 (91.7-93.6) *	90.9 (90.5-91.4)
White-collar	93.5 (91.7-94.9)	95.4 (95.0-95.7) *	93.8 (92.8-94.6)	95.6 (94.9-96.2) *	95.5 (94.4-96.3) *	96.2 (95.5-96.8) *	95.3 (94.9-95.6)
Service	85.8 (78.8-90.7)	91.3 (90.3-92.2) *	86.4 (84.0-88.5)	92.3 (90.6-93.8) *	92.0 (89.5-94.0) *	93.2 (91.3-94.8) *	91.0 (90.0-91.9)
Farm	100.0 (**)	90.2 (82.1-94.8) *	86.1 (66.8-95.0) *	93.5 (84.3-97.4) *	91.0 (50.5-99.0) *	92.1 (79.5-97.2) *	90.6 (82.8-95.1)
Blue-collar	88.5 (80.9-93.3)	90.5 (88.6-92.2) *	88.5 (84.1-91.8)	90.5 (86.6-93.3)	85.7 (80.0-89.9)	94.9 (92.0-96.8) *	90.5 (88.6-92.0)
<b>Birth Place</b>							
US Born	91.6 (89.4-93.4)	94.5 (94.0-94.9) *	93.4 (92.3-94.4) *	94.4 (93.7-95.1) *	94.3 (93.3-95.2)	95.3 (94.4-96.1) *	94.3 (93.9-94.7)
Foreign Born	87.1 (81.7-91.0)	82.9 (81.3-84.4) *	83.0 (80.3-85.3) *	82.9 (79.8-85.5) *	84.3 (80.9-87.2)	80.4 (75.2-84.8) *	83.3 (81.8-84.8)

\*Significantly different from Florida at p < .05.

\*\*Sample size inadequate to calculate estimate

±Excluding Florida

**Table 12. Prevalence of Pap Test in the Last Year in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	63.9 (62.2-65.6)	65.5 (64.9-66.0) *	63.9 (62.8-64.9)	64.9 (64.0-65.9) *	67.2 (66.1-68.4) *	66.0 (64.8-67.2) *	65.4 (64.8-65.9)
<b>Age (yrs)</b>							
18-29	76.8 (72.5-80.6)	81.3 (80.2-82.3) *	78.9 (76.6-81.0)	80.9 (78.9-82.7) *	82.5 (80.1-84.8) *	82.8 (80.9-84.5) *	81.0 (80.0-82.0)
30-39	71.3 (66.0-76.0)	73.7 (72.6-74.7) *	70.3 (68.1-72.3)	71.8 (70.0-73.5)	78.4 (76.0-80.6) *	75.2 (73.2-77.2) *	73.5 (72.5-74.5)
40-49	62.8 (58.7-66.7)	67.9 (66.8-69.0) *	67.0 (64.6-69.3) *	66.7 (64.7-68.6) *	70.4 (67.8-72.8) *	68.3 (66.4-70.1) *	67.6 (66.6-68.7)
50-59	64.1 (59.0-68.9)	64.7 (63.4-65.9)	62.7 (59.8-65.5)	63.6 (61.3-65.8)	67.0 (64.2-69.6) *	65.8 (63.3-68.1)	64.6 (63.4-65.8)
60-69	62.9 (58.9-66.6)	55.4 (53.9-56.8) *	53.3 (50.1-56.4) *	54.9 (52.4-57.4) *	60.4 (57.4-63.4)	53.8 (50.8-56.7) *	55.9 (54.5-57.2)
70-79	52.2 (48.0-56.4)	40.6 (38.9-42.2) *	40.9 (37.1-44.8) *	40.7 (37.9-43.6) *	41.7 (38.3-45.1) *	39.1 (35.7-42.6) *	41.4 (39.9-43.0)
80+	32.0 (25.7-39.1)	25.2 (23.3-27.1) *	26.2 (22.5-30.2) *	26.4 (23.0-30.1) *	25.5 (21.4-30.0) *	22.9 (19.8-26.4) *	25.7 (23.9-27.5)
<b>Race</b>							
White	62.4 (60.2-64.5)	64.8 (64.2-65.4) *	63.5 (62.3-64.7)	63.9 (62.7-65.0) *	66.9 (65.6-68.1) *	65.3 (64.0-66.6) *	64.7 (64.1-65.2)
Black	70.4 (66.3-74.1)	69.9 (68.6-71.2)	70.5 (66.4-74.2)	68.9 (67.2-70.6)	70.9 (68.3-73.4) *	71.2 (67.7-74.5)	69.9 (68.7-71.1)
Other	73.3 (62.7-81.8)	65.4 (62.9-67.9) *	64.0 (60.0-67.8) *	66.6 (61.7-71.2)	64.0 (58.3-69.3)	70.8 (64.0-76.7)	65.7 (63.2-68.0)
<b>Ethnicity</b>							
Non-Hispanic	63.9 (62.1-65.7)	65.1 (64.5-65.7) *	62.6 (61.3-63.9)	64.9 (63.9-65.9)	66.9 (65.6-68.1) *	65.7 (64.5-66.9) *	65.1 (64.5-65.6)
Hispanic	64.1 (59.4-68.5)	68.5 (67.0-69.9) *	68.2 (66.2-70.1) *	65.5 (62.5-68.3)	71.3 (67.5-74.7) *	74.4 (69.3-78.9) *	68.0 (66.6-69.4)
<b>Education</b>							
More than High School	68.4 (66.1-70.7)	71.7 (71.1-72.4) *	66.2 (64.8-67.6) *	72.5 (71.5-73.6) *	74.0 (72.5-75.4) *	73.6 (72.4-74.9) *	71.6 (70.9-72.2)
High School	60.7 (57.2-64.0)	59.8 (58.8-60.7)	60.1 (58.1-62.2)	60.1 (58.3-61.8) *	60.5 (58.5-62.4)	58.8 (56.9-60.6) *	59.8 (58.9-60.8)
Less than High School	55.4 (50.3-60.3)	53.9 (52.6-55.2) *	61.6 (59.1-64.0) *	51.2 (49.2-53.3) *	53.9 (50.6-57.1)	50.3 (47.1-53.5) *	54.0 (52.7-55.2)
<b>Health Insurance</b>							
Insured	66.7 (64.5-68.8)	67.3 (66.7-67.8) *	65.6 (64.3-66.7)	67.0 (66.0-68.0)	68.6 (67.4-69.8) *	67.7 (66.5-68.9)	67.2 (66.7-67.8)
Uninsured	51.6 (47.2-56.0)	53.7 (52.2-55.2) *	54.8 (52.0-57.5) *	54.6 (52.2-57.0) *	53.0 (48.6-57.3)	50.9 (47.6-54.2)	53.5 (52.1-55.0)
<b>Poverty Level</b>							
≥2 times federal level	65.9 (63.5-68.2)	70.5 (69.9-71.2) *	67.8 (66.4-69.2) *	71.0 (69.7-72.2) *	71.7 (70.3-73.1) *	71.3 (70.1-72.5) *	70.3 (69.6-70.9)
<2 times federal level	59.4 (56.0-62.6)	58.2 (57.1-59.3) *	60.3 (58.2-62.3)	56.3 (54.5-58.0) *	58.6 (55.9-61.2)	59.1 (56.7-61.5)	58.3 (57.2-59.3)
<b>Employment</b>							
Employed	69.1 (66.6-71.6)	72.4 (71.7-73.0) *	69.5 (68.0-70.9)	71.8 (70.6-73.0) *	74.4 (73.0-75.8) *	73.6 (72.4-74.6) *	72.2 (71.6-72.8)
Not Employed	58.4 (55.8-61.0)	56.9 (56.1-57.8) *	57.7 (56.1-59.4)	56.9 (55.4-58.4) *	58.1 (56.3-59.9)	55.4 (53.7-57.1) *	57.0 (56.2-57.8)
White-collar	70.8 (67.6-73.7)	74.6 (73.9-75.3) *	71.2 (69.5-72.7)	74.7 (73.5-76.0) *	75.7 (74.1-77.1) *	76.1 (74.8-77.4) *	74.4 (73.7-75.0)
Service	63.4 (58.4-68.1)	66.9 (65.3-68.4) *	64.7 (61.1-68.2)	64.2 (61.2-67.1)	71.0 (67.5-74.2) *	68.3 (65.3-71.2) *	66.7 (65.1-68.2)
Farm	38.7 (17.8-64.8)	64.5 (55.8-72.3) *	68.7 (54.8-79.9) *	57.8 (41.8-72.3) *	81.4 (28.5-98.0)	63.3 (47.4-76.8) *	63.3 (55.0-70.9)
Blue-collar	68.1 (58.1-76.6)	65.6 (63.1-67.9) *	63.5 (57.9-68.7)	65.6 (61.4-69.7)	70.6 (65.3-75.5)	63.7 (59.1-68.1)	65.7 (63.3-67.9)
<b>Birth Place</b>							
US Born	64.3 (61.5-67.1)	65.8 (65.0-66.6) *	63.9 (62.1-65.7)	65.9 (64.6-67.3) *	67.9 (66.0-69.6) *	65.6 (63.8-67.3)	65.7 (64.9-66.5)
Foreign Born	65.1 (58.3-71.4)	67.6 (65.7-69.5) *	67.1 (64.1-70.0)	69.0 (64.6-73.1)	65.9 (62.1-69.5)	69.6 (63.9-74.7)	67.3 (65.5-69.1)

\*Significantly different from Florida at p < .05.  
±Excluding Florida

**Table 13. Prevalence of Ever Having PSA Test in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	67.0 (63.6-70.2)	62.4 (61.5-63.3) *	58.9 (56.9-60.8) *	64.6 (63.0-66.2) *	64.2 (62.2-66.2) *	61.3 (59.4-63.1) *	62.7 (61.8-63.6)
<b>Age (yrs)</b>							
50-59	51.7 (45.1-58.3)	51.7 (50.4-53.1)	47.9 (45.2-50.7) *	55.2 (52.8-57.6) *	53.8 (50.7-56.9)	49.3 (46.6-52.0)	51.7 (50.4-53.1)
60-69	69.9 (65.4-74.1)	69.5 (68.0-71.1)	66.1 (62.7-69.3) *	69.8 (66.8-72.6)	70.4 (66.8-73.8)	71.5 (68.7-74.1)	69.9 (68.1-71.0)
70-79	83.9 (78.5-88.2)	75.8 (74.2-77.4) *	72.3 (68.4-76.0) *	78.0 (75.4-80.4) *	77.0 (73.0-80.6) *	74.8 (71.4-77.8) *	76.4 (74.8-77.9)
80+	77.1 (66.7-85.0)	68.2 (65.6-70.7) *	68.2 (62.4-73.5) *	69.7 (65.2-73.9) *	67.9 (61.7-73.6) *	67.0 (62.2-71.5) *	68.9 (66.4-71.4)
<b>Race</b>							
White	68.5 (65.2-71.6)	63.6 (62.6-64.6) *	60.9 (58.8-63.0) *	65.8 (64.0-67.6) *	65.3 (63.1-67.4) *	62.0 (60.0-63.9) *	63.9 (63.0-64.9)
Black	57.5 (48.2-66.3)	59.9 (57.2-62.5)	55.8 (48.8-62.7)	61.6 (58.0-65.1) *	60.2 (51.8-68.0)	56.2 (51.3-61.0)	59.7 (57.2-62.2)
Other	46.8 (24.5-70.4)	44.3 (40.2-48.5)	43.9 (38.5-49.4)	44.0 (34.0-54.5)	46.5 (36.2-57.1)	44.1 (32.5-56.3)	44.4 (40.4-48.5)
<b>Ethnicity</b>							
Non-Hispanic	68.8 (65.0-72.4)	63.7 (62.7-64.6) *	61.5 (59.4-63.6) *	65.7 (64.0-67.3) *	65.2 (63.0-67.2) *	61.8 (59.9-63.6) *	64.0 (63.1-64.9)
Hispanic	57.4 (49.0-65.4)	45.8 (42.8-48.9) *	43.3 (38.7-48.0) *	47.6 (42.4-52.8) *	52.0 (45.2-58.7)	39.0 (27.8-51.5) *	47.4 (44.5-50.3)
<b>Education</b>							
More than High School	70.8 (66.1-75.1)	69.6 (68.4-70.7) *	65.8 (63.5-68.0) *	73.8 (71.9-75.7) *	71.4 (69.0-73.7)	67.0 (64.3-69.5) *	69.7 (64.5-75.0)
High School	63.0 (55.9-69.7)	58.7 (57.1-60.4) *	52.2 (48.4-56.0) *	61.2 (58.2-64.1)	60.2 (56.5-63.8)	58.8 (55.7-61.8) *	59.0 (57.3-60.6)
Less than High School	61.7 (55.4-67.7)	49.4 (47.5-51.4) *	42.4 (38.4-46.4) *	50.9 (47.9-53.8) *	51.1 (46.1-56.1) *	51.3 (47.5-55.2) *	50.2 (48.4-52.1)
<b>Health Insurance</b>							
Insured	71.0 (68.0-73.8)	65.0 (64.1-66.0) *	62.4 (60.5-64.4) *	67.8 (66.1-69.4) *	65.7 (63.5-67.8) *	63.4 (61.5-65.2) *	65.4 (64.5-66.3)
Uninsured	33.0 (22.8-44.9)	29.7 (26.8-32.8) *	24.1 (19.1-29.9) *	32.8 (28.4-37.4)	36.4 (27.7-46.0)	26.9 (20.3-34.7)	30.0 (27.2-33.0)
<b>Poverty Level</b>							
≥2 times federal level	72.0 (66.7-76.8)	66.6 (65.4-67.7) *	63.8 (61.4-66.1) *	69.8 (67.8-71.6) *	68.0 (65.3-70.5) *	64.2 (62.0-66.4) *	66.9 (65.8-68.0)
<2 times federal level	56.3 (50.6-61.9)	50.4 (48.5-52.3) *	43.0 (38.9-47.3) *	52.0 (49.1-54.9) *	52.3 (47.7-56.9)	52.8 (48.7-56.8)	50.8 (49.0-52.6)
<b>Employment</b>							
Employed	58.2 (51.2-65.0)	58.1 (56.8-59.4)	53.8 (50.9-56.7) *	60.8 (58.6-63.0) *	60.5 (57.3-63.7)	56.6 (54.3-58.9)	58.1 (56.8-59.4)
Not Employed	73.2 (70.0-76.2)	66.9 (65.7-68.1) *	63.8 (61.1-66.5) *	68.2 (66.2-70.1) *	68.1 (65.4-70.7) *	66.9 (64.3-69.3) *	67.4 (66.2-68.5)
White-collar	61.6 (51.9-70.4)	64.7 (63.0-66.4) *	60.3 (56.7-63.8)	69.3 (66.5-72.0) *	66.1 (61.9-70.1) *	62.3 (59.0-65.5)	64.6 (62.8-66.2)
Service	63.3 (49.7-75.1)	52.6 (48.4-56.7) *	45.0 (37.2-53.1) *	60.4 (53.1-67.3)	49.1 (38.7-59.6) *	53.0 (45.0-60.8) *	53.4 (49.3-57.4)
Farm	22.4 (3.1-72.0)	52.1 (45.2-58.9) *	37.5 (26.5-50.0) *	55.5 (41.9-68.3) *	53.3 (28.3-76.7) *	58.9 (48.2-68.8) *	51.4 (44.6-58.3)
Blue-collar	50.0 (40.3-59.7)	49.7 (47.4-51.9)	45.5 (40.5-50.6)	49.6 (45.6-53.6)	53.9 (48.4-59.3)	49.3 (45.6-53.0)	49.7 (47.5-51.8)
<b>Birth Place</b>							
US Born	69.7 (63.0-75.6)	66.8 (65.5-68.1) *	65.2 (62.2-68.2) *	68.5 (66.1-70.9)	67.9 (64.9-70.7)	65.2 (62.7-67.6) *	67.0 (65.6-68.2)
Foreign Born	58.0 (48.6-66.8)	46.6 (43.2-50.1) *	40.5 (35.4-45.7) *	52.7 (44.4-60.8)	54.5 (48.5-60.3)	39.3 (28.5-51.3) *	48.1 (44.8-51.3)

\*Significantly different from Florida at p < .05.

±Excluding

Florida

**Table 14. Prevalence of PSA Test in the Last Year in Florida and the Rest of the U.S. by Demographic Factors, Pooled Data from the 2000 and 2005 NHIS Cancer Control Modules**

Socio demographics	FL %[95% CI]	Rest of US %[95% CI]	Western US %[95% CI]	Southern US <sup>±</sup> %[95% CI]	Northeastern US %[95% CI]	Midwestern US %[95% CI]	All of US %[95% CI]
<b>Total</b>	71.2 (67.7-74.4)	66.9 (65.9-67.9) *	65.2 (63.0-67.4) *	66.6 (64.9-68.3) *	68.4 (65.9-70.8) *	67.5 (65.5-69.3) *	67.2 (66.2-68.2)
<b>Age (yrs)</b>							
40-49	52.4 (44.0-60.7)	55.4 (52.8-58.0) *	52.4 (46.3-58.4)	56.2 (52.1-60.2)	60.4 (54.3-66.1) *	53.2 (48.1-58.2)	55.2 (52.8-57.7)
50-59	65.6 (56.8-73.5)	65.6 (63.8-67.4)	64.5 (60.3-68.5)	66.1 (63.1-69.0)	65.2 (60.4-69.6)	66.1 (62.7-69.4)	65.6 (63.8-67.3)
60-69	78.9 (72.5-84.2)	72.3 (70.6-74.0) *	71.5 (67.8-75.0) *	71.9 (68.7-74.9) *	71.9 (68.1-75.3) *	73.8 (70.2-77.0) *	72.8 (71.1-74.4)
70-79	78.4 (71.5-84.1)	74.6 (72.7-76.4) *	72.6 (68.3-76.4) *	74.4 (71.1-77.4) *	77.5 (73.4-81.1)	73.9 (69.9-77.5) *	74.9 (73.1-76.7)
80+	77.0 (68.6-83.7)	63.2 (59.7-66.5) *	63.1 (55.8-69.8) *	59.1 (52.6-65.3) *	63.6 (55.2-71.1) *	67.3 (61.0-73.0) *	64.4 (61.2-67.6)
<b>Race</b>							
White	71.0 (67.2-74.5)	67.1 (66.0-68.2) *	65.3 (62.9-67.7) *	67.0 (65.0-68.9) *	68.1 (65.5-70.7) *	68.0 (66.0-69.9) *	67.4 (66.4-68.5)
Black	73.3 (62.9-81.6)	65.4 (62.3-68.3) *	64.7 (56.3-72.3) *	64.8 (60.7-68.6) *	69.4 (60.7-76.9)	63.5 (56.5-69.9) *	65.9 (63.0-68.7)
Other	71.2 (39.7-90.2)	65.0 (59.7-70.1) *	64.6 (57.4-71.2)	65.6 (51.5-77.4)	74.5 (63.1-83.4)	53.2 (35.6-70.1) *	65.2 (59.9-70.2)
<b>Ethnicity</b>							
Non-Hispanic	72.5 (68.8-75.9)	67.2 (66.1-68.2) *	65.3 (62.9-67.5) *	67.0 (65.1-68.8) *	68.5 (65.8-71.0) *	67.7 (65.7-69.7) *	67.5 (66.5-68.5)
Hispanic	64.3 (54.9-72.6)	63.0 (59.2-66.7)	65.2 (59.8-70.2)	59.4 (51.1-67.2)	67.2 (59.5-74.2)	52.7 (38.7-66.4)	63.2 (59.7-66.6)
<b>Education</b>							
More than High School	73.2 (68.5-77.3)	69.2 (67.9-70.5) *	66.6 (63.8-69.3) *	69.9 (67.6-72.1) *	69.4 (66.4-72.3) *	70.7 (68.3-73.0) *	69.5 (68.2-70.7)
High School	68.1 (62.1-73.7)	64.7 (62.7-66.7) *	63.2 (58.2-68.0) *	63.6 (60.2-66.9) *	69.2 (64.0-74.0)	63.4 (60.2-66.4) *	64.9 (63.0-66.8)
Less than High School	70.6 (62.4-77.7)	61.5 (59.0-63.9) *	59.2 (52.9-65.3) *	60.7 (56.7-64.6) *	61.9 (56.5-67.1) *	64.4 (59.3-69.1) *	62.2 (59.8-64.5)
<b>Health Insurance</b>							
Insured	73.0 (69.6-76.1)	68.0 (67.0-69.0) *	66.7 (64.4-68.8) *	67.8 (56.7-64.6) *	69.9 (67.0-72.0) *	68.1 (66.2-70.0) *	68.3 (67.3-69.3)
Uninsured	48.4 (33.4-63.7)	42.7 (38.1-47.4) *	36.3 (26.9-47.0) *	46.0 (39.4-52.8)	37.2 (26.5-49.4)	48.2 (37.0-59.7)	43.3 (38.8-47.9)
<b>Poverty Level</b>							
≥2 times federal level	72.9 (67.8-77.4)	69.1 (67.9-70.3) *	66.7 (64.2-69.1) *	69.6 (67.6-71.5) *	71.5 (68.4-74.3)	68.7 (66.3-70.9) *	69.4 (68.2-70.5)
<2 times federal level	61.4 (51.7-70.3)	60.2 (57.8-62.5)	57.1 (52.2-61.8)	59.1 (55.1-63.0)	60.4 (54.7-65.8)	64.2 (59.5-68.6)	60.3 (57.9-62.5)
<b>Employment</b>							
Employed	66.9 (60.8-72.4)	65.0 (63.6-66.5) *	62.6 (59.0-66.1) *	66.3 (63.9-68.5)	66.2 (62.7-69.5)	64.4 (61.6-67.2)	65.1 (63.7-66.5)
Not Employed	75.1 (69.8-79.7)	69.1 (67.7-70.4) *	67.9 (65.0-70.7) *	67.2 (64.8-69.5) *	70.9 (67.8-73.7) *	71.1 (68.5-73.5) *	69.5 (68.2-70.8)
White-collar	73.6 (65.6-80.4)	66.9 (65.0-68.8) *	64.8 (60.4-69.0) *	69.4 (66.2-72.5) *	66.5 (61.9-70.8) *	66.0 (62.4-69.4)	67.3 (65.5-69.1)
Service	67.1 (53.1-78.7)	66.3 (61.6-70.6)	59.5 (49.7-68.6)	71.9 (66.2-72.5)	64.6 (51.5-75.9)	65.1 (55.6-73.6)	66.3 (62.0-70.5)
Farm	41.6 (4.3-92.0)	64.6 (54.9-73.3) *	58.7 (41.7-73.8) *	68.4 (52.4-81.0) *	83.5 (48.9-96.4) *	60.5 (42.7-75.9) *	64.1 (54.5-72.8)
Blue-collar	52.4 (41.1-63.5)	61.1 (58.5-63.6) *	58.3 (51.6-64.8)	58.9 (55.0-62.7) *	65.7 (59.4-71.6) *	62.1 (56.9-67.1) *	60.6 (58.1-63.1)
<b>Birth Place</b>							
US Born	72.9 (66.3-78.6)	67.9 (66.4-69.3) *	65.7 (62.5-68.7) *	67.0 (64.5-69.3) *	71.1 (67.2-74.8)	68.5 (65.7-71.2) *	68.2 (66.7-69.6)
Foreign Born	66.9 (53.4-78.0)	67.2 (62.8-71.3)	66.4 (59.1-73.0)	69.0 (59.5-77.1)	69.8 (61.8-76.7)	58.3 (43.1-72.0)	67.2 (63.0-71.1)

\*Significantly different from Florida at p < .05.  
±Excluding Florida

by the Behavioral Risk Factor Surveillance System (BRFSS) (Centers for Disease Control and Prevention), the NHIS has the advantage of being a household-administered survey which generates greater response rates, can collect more detailed information, and eliminates telephone non-coverage compared to the telephone-administered BRFSS (Nelson, Powell-Griner, Town, & Kovar, 2003).

#### *Future Opportunities*

Because of its large sample sizes and national representative sampling, multivariable analyses identify correlates of cancer, cancer risk, and screening behaviors in Floridians in relation those living in other regions in the U.S. (Fernandez, et al., 2012). Such analyses can be used to rule out whether regional differences in prevalence rates are or are not a function of different socio-demographic characteristics across regions of interest. Such findings can be used by stakeholders to advocate for policy changes which would favorably impact cancer risk in the state (e.g., advocacy for increasing health insurance coverage).

The present report also exemplifies how other states can employ NHIS data to enhance cancer surveillance in their state at relatively low cost. One barrier to doing this includes personnel costs for preparing an RDC application for indirect data access and writing the program for data analysis, the cost of running the analyses at the RDC (currently \$750/day), and additional personnel time for data interpretation and dissemination. Copies of our RDC application and programming code generating the estimates discussed in this report will be provided to interested parties upon request by contacting the corresponding author. Use of these resources will allow each state to see how they compare to their region and the rest of the U.S. with regards to cancer screening and related health and risk behaviors, as well as see what steps need to be taken to meet the *Healthy People 2020* goals.

#### **Conclusions**

An understanding of the patterns and prevalence of cancer risk factors and screening behaviors is vital in the fight against cancer, and Florida's population distribution and profile of cancer risk factors and screening behaviors require unique public health strategies and interventions. The results of this study demonstrate important geographical differences in cancer risk factors and screening behaviors and also highlight the need for improvement in cancer prevention and detection in Florida, as the state falls short of many important health targets and recommendations. The data presented will provide key stakeholders and public health policy makers with the needed information to effectively target

Florida residents at greatest risk for cancer and those not receiving recommended cancer screenings.

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