

# Florida Youth Tobacco Survey 2014 County “At a Glance” Tables

## Introduction to Survey and Analysis Methods

The Florida Youth Tobacco Survey (FYTS) was administered in the spring of 2014 to 36,979 middle school students and 32,917 high school students in 765 public schools throughout the state. The overall survey response rates were 81% for middle schools and 78% for high schools. The 2014 FYTS was designed at the county level, with the understanding that county data would be combined for state-level analysis. Middle school and high school student participation rates varied by county (Table 1). Factors affecting student participation included school participation and type of parental consent used (i.e., active or passive).

Measures are reported for each county with state comparisons by middle school (grades six to eight), high school (grades nine to twelve), and youth (students ages 11 to 17). The data presented in these tables are adjusted, or “weighted,” to represent the entire population of public middle and high school students in each county (county percentage) and Florida (state percentage). Weighting is a procedure that adjusts for the chance of a student being selected to complete the survey as well as for discrepancies between the students who completed the survey and the overall county and state student populations. The data were weighted by grade level, sex, and race/ethnicity based on Florida Department of Education records. The prevalence of behaviors and attitudes among students in a given population (i.e., middle school, high school, or youth), at both the county and state levels, are reported as percentages.

Since students are randomly selected, measures of prevalence are subject to random sampling errors. For each measure, a 95% confidence interval (CI) is provided. The “Comparison of Two Rates” indicates statistically significant differences in prevalence rates between the county and state populations. Using the confidence intervals, comparisons can also be made between middle and high school students within a single county and between students in one county compared to students in another county (e.g., middle school students in County A compared to middle school students in County B). If the confidence intervals overlap, there is no difference in the prevalence rates. However, if the confidence intervals do not overlap, there is a statistically significant difference.

For example, assume 9.1% (95% CI: 8.0%-10.2%) of high school students in County A and 12.5% (95% CI: 10.5%-14.5%) of high school students in County B were current smokers. Because the 95% CI of County B does not overlap and is higher than the 95% CI of County A, it is appropriate to report that there was a significantly higher prevalence of current smoking among high school students in County B compared to County A in 2014.

If a county student participation rate is low or if a confidence interval is wide, data should be interpreted with caution. High school and youth data from Hardee County are suppressed because of an insufficient number of completed surveys to calculate prevalence rates that are representative of the population.

If any assistance is needed with interpretation of survey findings and for more information about the FYTS, please contact the Florida Youth Survey Coordinator at (850) 245-4401 x2424. You can also visit our website at [www.FloridaHealth.gov/FYTS](http://www.FloridaHealth.gov/FYTS).

**Table 1. 2014 FYTS Student Participation, by County and School Level**

County Name	Middle School Students			High School Students		
	Number of Selected Students	Number of Participating Students	Student Response Rate	Number of Selected Students	Number of Participating Students	Student Response Rate
Alachua	698	615	88.1%	935	785	84.0%
Baker	460	414	90.0%	420	324	77.1%
Bay	1,140	953	83.6%	670	567	84.6%
Bradford	313	248	79.2%	288	228	79.2%
Brevard	1,719	965	56.1%	1,239	689	55.6%
Broward	1,102	862	78.2%	1,498	1,174	78.4%
Calhoun	233	205	88.0%	256	218	85.2%
Charlotte	552	437	79.2%	613	461	75.2%
Citrus	462	346	74.9%	555	447	80.5%
Clay	1,501	1,249	83.2%	619	519	83.8%
Collier	790	737	93.3%	688	629	91.4%
Columbia	571	371	65.0%	654	343	52.5%
DeSoto	389	341	87.7%	411	341	83.0%
Dixie	219	198	90.4%	233	194	83.3%
Duval	1,345	1,205	89.6%	1,287	1,141	88.7%
Escambia	1,290	1,071	83.0%	769	657	85.4%
Flagler	523	452	86.4%	624	542	86.9%
Franklin	107	89	83.2%	67	67	100.0%
Gadsden	511	395	77.3%	465	324	69.7%
Gilchrist	255	238	93.3%	299	256	85.6%
Glades	168	145	86.3%	100	63	63.0%
Gulf	204	185	90.7%	259	220	84.9%
Hamilton	170	146	85.9%	178	154	86.5%
Hardee	609	509	83.6%	N/A	N/A	N/A
Hendry	497	390	78.5%	686	413	60.2%
Hernando	555	507	91.4%	632	530	83.9%
Highlands	518	453	87.5%	484	415	85.7%
Hillsborough	1,082	863	79.8%	1,215	985	81.1%
Holmes	353	299	84.7%	386	315	81.6%
Indian River	658	577	87.7%	664	562	84.6%
Jackson	480	418	87.1%	501	400	79.8%
Jefferson	106	80	75.5%	93	63	67.7%
Lafayette	141	124	87.9%	108	92	85.2%
Lake	712	583	81.9%	841	728	86.6%
Lee	791	621	78.5%	861	533	61.9%
Leon	758	655	86.4%	1,053	857	81.4%
Levy	416	376	90.4%	450	385	85.6%
Liberty	132	117	88.6%	134	126	94.0%
Madison	231	206	89.2%	270	178	65.9%
Miami-Dade	1,090	964	88.4%	1,071	931	86.9%
Manatee	489	377	77.1%	590	481	81.5%

**Table 1 cont.**

County Name	Middle School Students			High School Students		
	Number of Selected Students	Number of Participating Students	Student Response Rate	Number of Selected Students	Number of Participating Students	Student Response Rate
Marion	889	776	87.3%	654	557	85.2%
Martin	462	420	90.9%	461	411	89.2%
Monroe	486	438	90.1%	524	453	86.5%
Nassau	1,051	624	59.4%	863	423	49.0%
Okaloosa	770	362	47.0%	868	418	48.2%
Okeechobee	483	394	81.6%	713	576	80.8%
Orange	1,063	951	89.5%	1,075	925	86.1%
Osceola	973	856	88.0%	854	712	83.4%
Palm Beach	1,028	895	87.1%	1,242	1,063	85.6%
Pasco	1,031	887	86.0%	778	615	79.1%
Pinellas	2,528	2,047	81.0%	1,789	1,410	78.8%
Polk	1,271	1,147	90.2%	856	796	83.3%
Putnam	476	416	87.4%	482	385	79.9%
Santa Rosa	910	828	91.0%	776	702	90.5%
Sarasota	891	744	83.5%	608	487	80.1%
Seminole	1,103	832	75.4%	712	563	79.1%
St. Johns	745	576	77.3%	901	744	82.6%
St. Lucie	733	663	90.5%	695	601	86.5%
Sumter	533	448	84.1%	473	387	81.8%
Suwannee	565	478	84.6%	371	318	85.7%
Taylor	297	276	92.9%	270	250	92.6%
Union	308	220	71.4%	279	204	73.1%
Volusia	691	555	80.3%	741	555	74.9%
Wakulla	426	360	84.5%	394	315	80.0%
Walton	512	462	90.2%	526	443	84.2%
Washington	353	329	93.2%	431	280	65.0%
<b>Florida</b>	<b>44,918</b>	<b>36,970</b>	<b>82.3%</b>	<b>41,602</b>	<b>32,930</b>	<b>79.1%</b>