

# **Florida Youth Tobacco Survey 2012 County “At a Glance” Tables**

## **Introduction to Survey and Analysis Methods**

The Florida Youth Tobacco Survey (FYTS) was administered in the spring of 2012 to 38,989 middle school students and 36,439 high school students in 746 public schools throughout the state. The overall survey response rate for middle schools was 77%, and the overall survey response rate for high schools was 73%. The 2012 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).

For each county, measures are reported, with state comparisons, by middle school (grades six to eight), by high school (grades nine to twelve), and by youth (students ages eleven to seventeen). 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, if 8.0%-10.2% of high school students in County A and 10.5%-14.5% of high school students in County B were current smokers, 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 2012.

If a county student participation rate is low or if a confidence interval is wide, data should be interpreted with caution. Osceola County data are unavailable because the district did not participate in the 2012 Florida Youth Survey. High school and youth data from Hardee County are suppressed because of unrepresentative sampling methodology.

If any assistance is needed with interpretation or survey methods and for more information about the FYTS, please contact the the Chronic Disease Epidemiology, Surveillance, and Evaluation Section, at (850) 245-4401, or by e-mail at [ChronicDisease@doh.state.fl.us](mailto:ChronicDisease@doh.state.fl.us). You can also visit our website at <http://www.FloridaChronicDisease.org>.

**Table 1. 2012 FYTS Student Participation, by County and School Level**

<b>County Name</b>	<b>Middle School Students</b>			<b>High School Students</b>		
	<b>Number of Eligible Students</b>	<b>Number of Responses</b>	<b>Student Participation</b>	<b>Number of Eligible Students</b>	<b>Number of Responses</b>	<b>Student Participation</b>
Alachua	942	830	88.1%	1,335	1,110	83.2%
Baker	524	402	76.7%	471	381	80.9%
Bay	1,531	1,291	84.3%	948	795	83.9%
Bradford	333	286	85.9%	324	263	81.2%
Brevard	1,256	695	55.3%	940	570	60.6%
Broward	1,437	1,216	84.6%	1,598	1,232	77.1%
Calhoun	260	224	86.2%	308	228	74.0%
Charlotte	624	487	78.0%	710	489	68.9%
Citrus	538	440	81.8%	624	474	76.0%
Clay	1,458	1,239	85.0%	875	743	84.9%
Collier	643	579	90.1%	782	684	87.5%
Columbia	697	555	79.6%	708	488	68.9%
DeSoto	500	436	87.2%	541	450	83.2%
Dixie	218	190	87.2%	241	188	78.0%
Duval	1,355	1,163	85.8%	1,618	1,285	79.4%
Escambia	1,268	1,077	84.9%	1,097	918	83.7%
Flagler	599	503	84.0%	636	498	78.3%
Franklin	145	124	85.5%	148	97	65.5%
Gadsden	480	298	62.1%	556	292	52.5%
Gilchrist	281	251	89.3%	323	275	85.1%
Glades	181	165	91.2%	123	106	86.2%
Gulf	157	141	89.8%	279	233	83.5%
Hamilton	165	138	83.6%	150	122	81.3%
Hardee	531	455	85.7%	Data Unavailable		
Hendry	606	521	86.0%	797	637	79.9%
Hernando	752	654	87.0%	797	636	79.8%
Highlands	624	533	85.4%	527	401	76.1%
Hillsborough	1,294	1,084	83.8%	1,178	853	72.4%
Holmes	364	316	86.8%	427	327	76.6%
Indian River	832	729	87.6%	932	749	80.4%
Jackson	714	624	87.4%	660	528	80.0%
Jefferson	104	92	88.5%	101	71	70.3%
Lafayette	127	113	89.0%	92	80	87.0%
Lake	860	752	87.4%	801	661	82.5%
Lee	1,593	1,259	79.0%	1,063	832	78.3%
Leon	688	582	84.6%	976	697	71.4%
Levy	519	441	85.0%	602	415	68.9%
Liberty	135	104	77.0%	164	137	83.5%
Madison	261	239	91.6%	287	196	68.3%
Miami-Dade	1,614	1,338	82.9%	1,778	1,515	85.2%
Manatee	1,099	823	74.9%	1,421	1,006	70.8%

County Name	Middle School Students			High School Students		
	Number of Eligible Students	Number of Responses	Student Participation	Number of Eligible Students	Number of Responses	Student Participation
Marion	856	731	85.4%	777	608	78.3%
Martin	634	552	87.1%	689	594	86.2%
Monroe	493	445	90.3%	609	525	86.2%
Nassau	858	371	43.2%	806	299	37.1%
Okaloosa	795	689	86.7%	942	761	80.8%
Okeechobee	470	391	83.2%	754	565	74.9%
Orange	1,079	959	88.9%	1,087	887	81.6%
Osceola	Data Unavailable			Data Unavailable		
Palm Beach	992	837	84.4%	1,384	1,176	85.0%
Pasco	1,242	1,038	83.6%	994	797	80.2%
Pinellas	1,661	762	45.9%	1,188	535	45.0%
Polk	1,274	1,114	87.4%	1,326	1,123	84.7%
Putnam	634	538	84.9%	111	94	84.7%
Santa Rosa	1,274	986	77.4%	733	513	70.0%
Sarasota	986	763	77.4%	966	763	79.0%
Seminole	853	721	84.5%	1,060	874	82.5%
St. Johns	754	640	84.9%	863	760	88.1%
St. Lucie	890	758	85.2%	816	574	70.3%
Sumter	633	470	74.3%	593	444	74.9%
Suwannee	653	436	66.8%	447	340	76.1%
Taylor	297	254	85.5%	304	264	86.8%
Union	246	207	84.2%	273	232	85.0%
Volusia	944	802	85.0%	883	671	76.0%
Wakulla	473	388	82.0%	453	350	77.3%
Walton	479	404	84.3%	788	657	83.4%
Washington	393	344	87.5%	435	188	43.2%