

# **SOUTH CAROLINA YOUTH ACCESS TO TOBACCO STUDY (SYNAR), FFY 2008**

## **OVERVIEW**

During a 2-month period between Jan. 1 and Feb. 28, 2007, 276 youth volunteers ages 15-17, under trained adult supervision, conducted 501 random, unannounced cigarette purchase attempts in all 46 counties. These outlets were randomly sampled from the estimated (there is no official account of tobacco sales outlets in South Carolina) 6,500 outlets in the state.

The results indicated an estimated overall sales rate (also known as a Retailer Violation Rate or RVR) of 12.4%\*. The FFY 2008 study was the first that did not allow 14-year-old inspectors, which consistently were sold to less often than the 15- to 17-year-old inspectors. Barring this change in methods, the RVR would reasonably have been lower in 2008 than in 2007.

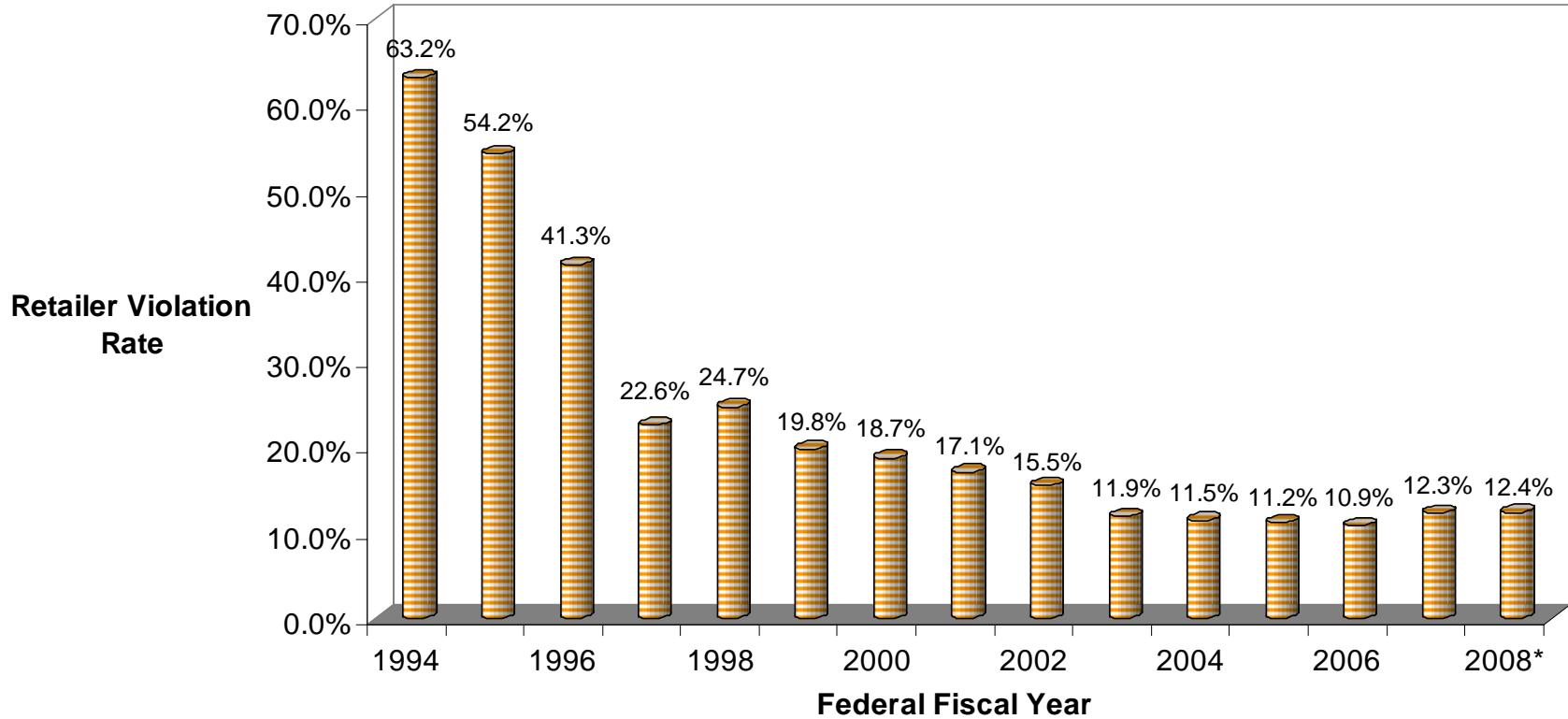
This rate is far below the federal standard of 20.0% and substantially lower than the RVR of 63.2% in FFY 1994, which was the first year of the study. However, this is our highest rate since 2002.

The RVR for over-the-counter transactions was 12.4%, and the RVR for vending machines was 23.5%, though there were only 17 machines in the study.

Additional results and interpretation are provided on the attached charts.

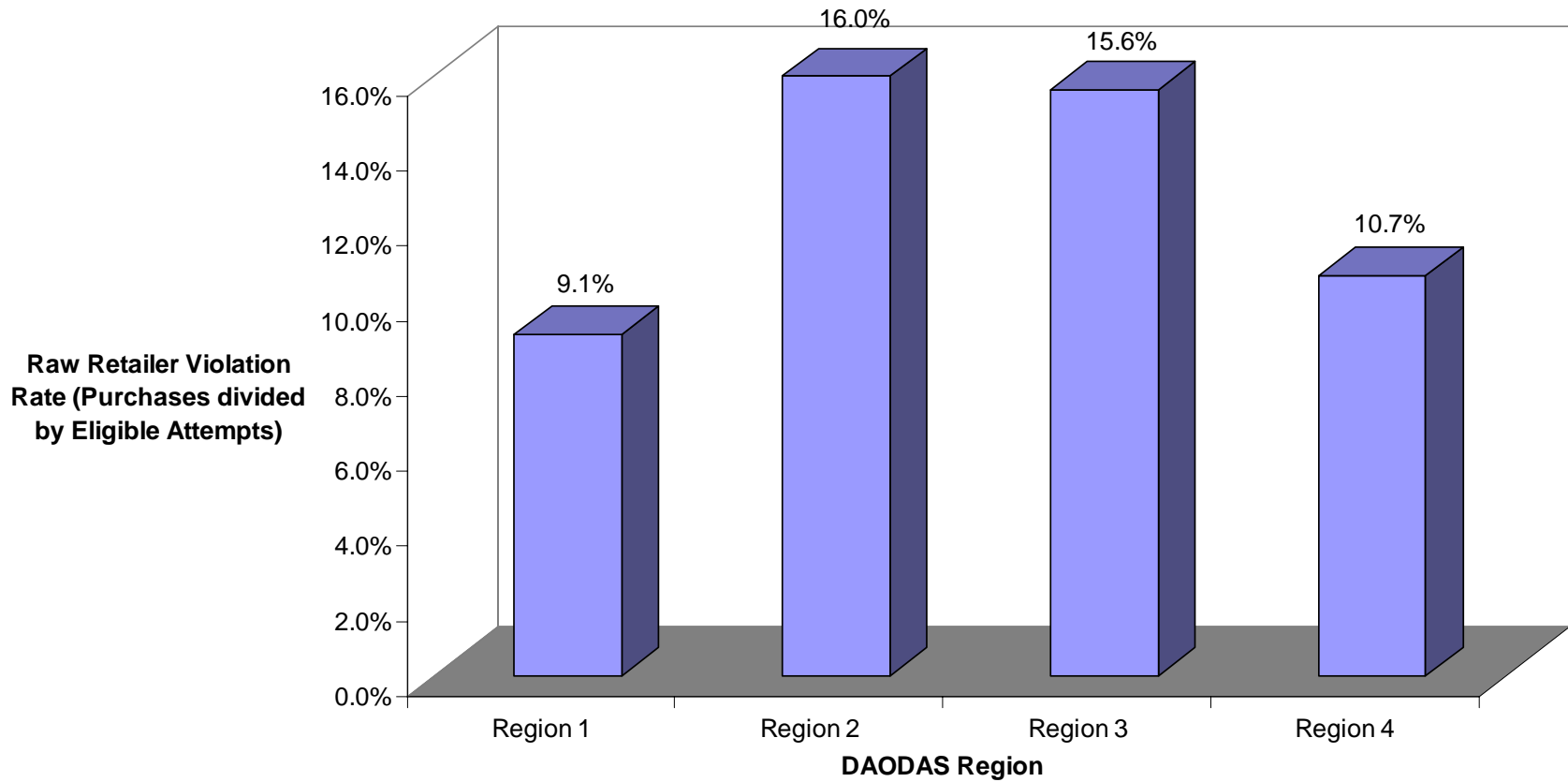
\*The confidence interval for this RVR is 9.6%-15.2%. This means that, due to the use of statistical sampling, we can only estimate the actual state Retailer Violation Rate based on the inspections conducted. There is a 95% chance that the actual rate (had we inspected every outlet) would fall between this range with a greater likelihood that the actual rate would be closer to 12.4% than to the end points of that range.

### YATS CIGARETTE PURCHASE RATES, FFY 1994-2008



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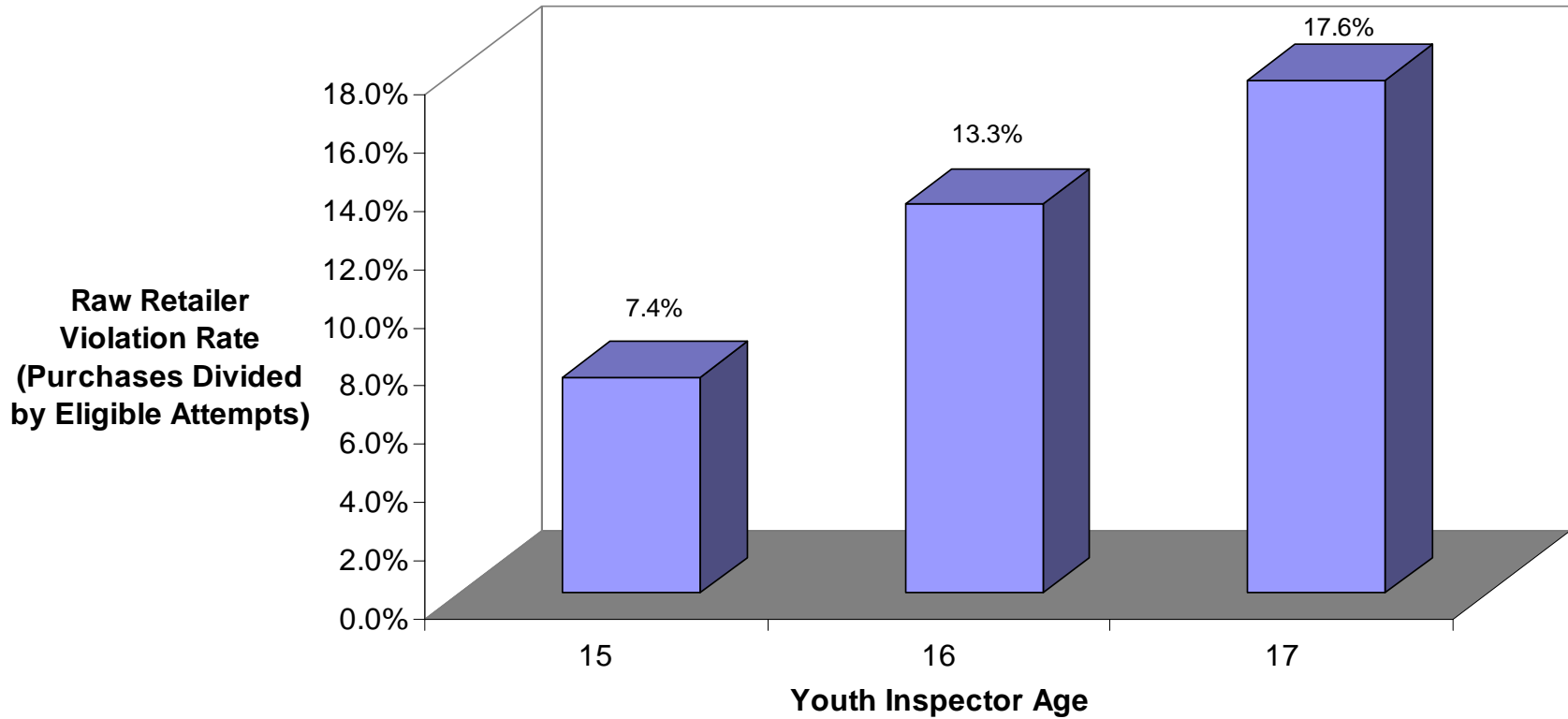
**Percentage of Outlets Selling Cigarettes by DAODAS Region, FFY 2008**



**FFY 2008 Youth Access to Tobacco Study Raw Buy Data by County**

<b>County Name</b>	<b>Total Eligible Purchase Attempts</b>	<b>No Buy</b>	<b>Buy</b>	<b>Buy Rate</b>
ABBEVILLE	2	2	0	0.0%
AIKEN	16	12	4	25.0%
ALLENDALE	3	3	0	0.0%
ANDERSON	17	17	0	0.0%
BAMBERG	2	2	0	0.0%
BARNWELL	4	4	0	0.0%
BEAUFORT	13	12	1	7.7%
BERKELEY	12	11	1	8.3%
CALHOUN	2	2	0	0.0%
CHARLESTON	33	28	5	15.2%
CHEROKEE	13	13	0	0.0%
CHESTER	6	5	1	16.7%
CHESTERFIELD	8	3	5	62.5%
CLARENDON	5	4	1	20.0%
COLLETON	7	6	1	14.3%
DARLINGTON	11	10	1	9.1%
DILLON	4	3	1	25.0%
DORCHESTER	8	7	1	12.5%
EDGEFIELD	3	2	1	33.3%
FAIRFIELD	4	4	0	0.0%
FLORENCE	23	21	2	8.7%
GEORGETOWN	18	15	3	16.7%
GREENVILLE	31	26	5	16.1%
GREENWOOD	9	7	2	22.2%
HAMPTON	6	6	0	0.0%
HORRY	36	29	7	19.4%
JASPER	7	7	0	0.0%
KERSHAW	9	8	1	11.1%
LANCASTER	9	7	2	22.2%
LAURENS	7	7	0	0.0%
LEE	3	2	1	33.3%
LEXINGTON	27	27	0	0.0%
MCCORMICK	2	2	0	0.0%
MARION	7	5	2	28.6%
MARLBORO	8	8	0	0.0%
NEWBERRY	5	5	0	0.0%
OCONEE	7	6	1	14.3%
ORANGEBURG	9	9	0	0.0%
PICKENS	9	8	1	11.1%
RICHLAND	32	26	6	18.8%
SALUDA	1	1	0	0.0%
SPARTANBURG	23	21	2	8.7%
SUMTER	11	10	1	9.1%
UNION	3	3	0	0.0%
WILLIAMSBURG	5	3	2	40.0%
YORK	21	18	3	14.3%

**Percent of Outlets Selling Cigarettes to Youth By Youth Age, FFY 2008**



**Percent of Outlets Selling Cigarettes to Youth By Youth Gender & Race, FFY 2008**

