

2023



*THE MISSISSIPPI
YOUTH TOBACCO
SURVEY*

— 1998–2023 —

MISSISSIPPI TOBACCO DATA

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{electronic cigarettes}

- * We added e-cigarette use questions to the YTS in 2010. Use among youth was very low until 2014. From 2014 through 2017, the prevalence of past 30-day e-cigarette use remained at approximately 10%. Coinciding with the popularity of pod-based e-cigarettes, e-cigarette use among youth almost doubled from 2017 to 2018, and has remained high since 2019.
- * Current e-cigarette use among public middle school students has increased by 967% since 2010, leading to 5,858 more young e-cigarette users.
- * Current e-cigarette use among public high school students has increased by 1208% since 2010, leading to 18,846 more young e-cigarette users.

key outcomes



- * The prevalence of having ever tried using e-cigarettes has increased by 1678% since 2010, leading to 15,251 more middle school students who have tried using e-cigarettes.
- * The prevalence of having ever tried using e-cigarettes has increased by 1611% since 2010, leading to 39,772 more high school students who have tried using e-cigarettes.
- * Frequent e-cigarette use has increased by 300% since 2014, leading to 6,239 more high school students who have used an e-cigarette on at least 20 of the past 30 days.

key outcomes

{cigarettes}

- * Tobacco use among Mississippi youth has decreased substantially since statewide tobacco control programs were implemented in 1999.
 - * Current smoking among public middle school students has decreased by 92% since 1998, leading to 19,089 fewer young smokers.
 - * Current smoking among public high school students has decreased by 89% since 1998, leading to 34,963 fewer young smokers.
 - * The prevalence of having ever tried smoking has decreased by 84% since 1998, leading to 45,956 fewer middle school students who have tried smoking.
-
- * The prevalence of having ever tried smoking has decreased by 81% since 1998, leading to 79,284 fewer high school students who have tried smoking.
 - * Frequent smoking has decreased by 96% since 1998, leading to 5,050 fewer middle school students who have smoked a cigarette on at least 20 of the past 30 days.
 - * Frequent smoking has decreased by 95% since 1998, leading to 17,676 fewer high school students who have smoked a cigarette on at least 20 of the past 30 days.



{smokeless tobacco}

- * Current smokeless tobacco (SLT) use among public middle school students has decreased by 72% since 1998, leading to 6,969 fewer young SLT users.
- * Current smokeless tobacco (SLT) use among public high school students has decreased by 73% since 1998, leading to 8,968 fewer young SLT users.
- * The prevalence of having ever tried SLT has decreased by 71% since 1998, leading to 13,029 fewer middle school students who have tried SLT.
- * The prevalence of having ever tried SLT has decreased by 70% since 1998, leading to 23,785 fewer high school students who have tried SLT.
- * Frequent SLT use has decreased by 82% since 1998, leading to 1,818 fewer middle school students who have used SLT on at least 20 of the past 30 days.
- * Frequent SLT use has decreased by 81% since 1998, leading to 3,899 fewer high school students who have used SLT on at least 20 of the past 30 days.

{cigars}

- * Current cigar smoking among public middle school students has decreased by 83% since 1998, leading to 13,736 fewer young cigar smokers.

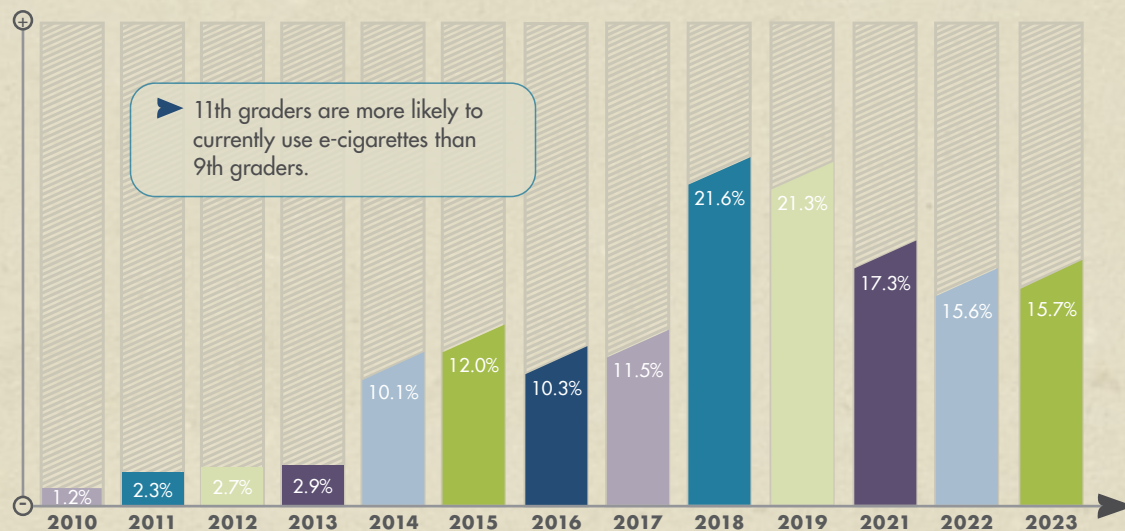
key outcomes

- * Current cigar smoking among public high school students has decreased by 77% since 1998, leading to 22,226 fewer young cigar smokers.
- * The prevalence of having ever tried cigar smoking has decreased by 79% since 1998, leading to 26,059 fewer middle school students who have tried cigar smoking.
- * The prevalence of having ever tried cigar smoking has decreased by 77% since 1998, leading to 53,289 fewer high school students who have tried cigar smoking.

current electronic cigarette use

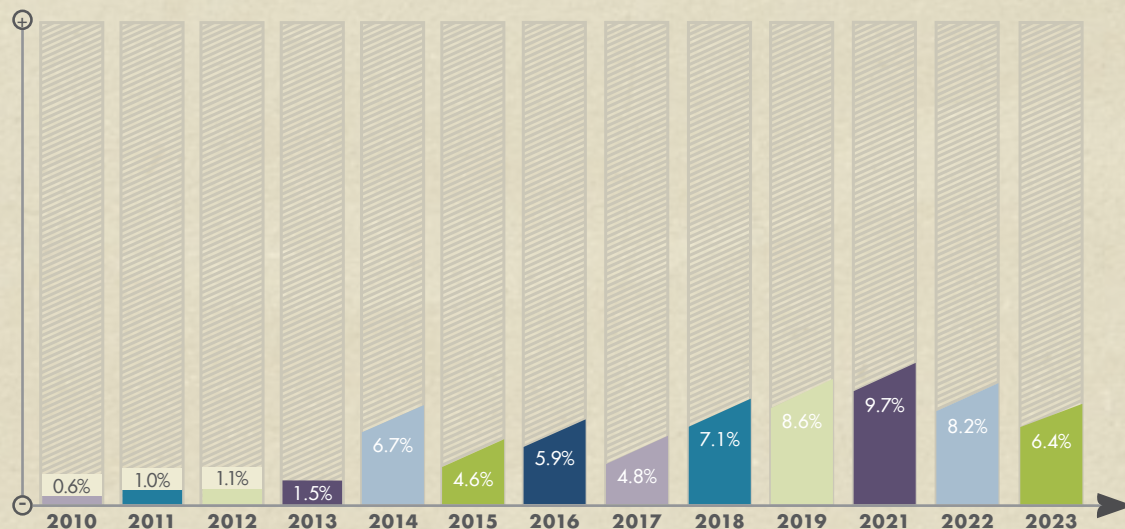
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS {2010-2023}



- * In 2023, 20,406 Mississippi public high school students had used e-cigarettes on at least one of the past 30 days.
- * The prevalence of current e-cigarette use has increased by 1,208% since 2010, leading to 18,846 more young e-cigarette users.
- * In the past year, the prevalence of current e-cigarette use has not changed significantly.

MIDDLE SCHOOLS {2010-2023}



- * In 2023, 6,464 Mississippi public middle school students had used e-cigarettes on at least one of the past 30 days.
- * The prevalence of current e-cigarette use has increased by 967% since 2010, leading to 5,858 more young e-cigarette users.
- * In the past year, the prevalence of current e-cigarette use has not changed significantly.

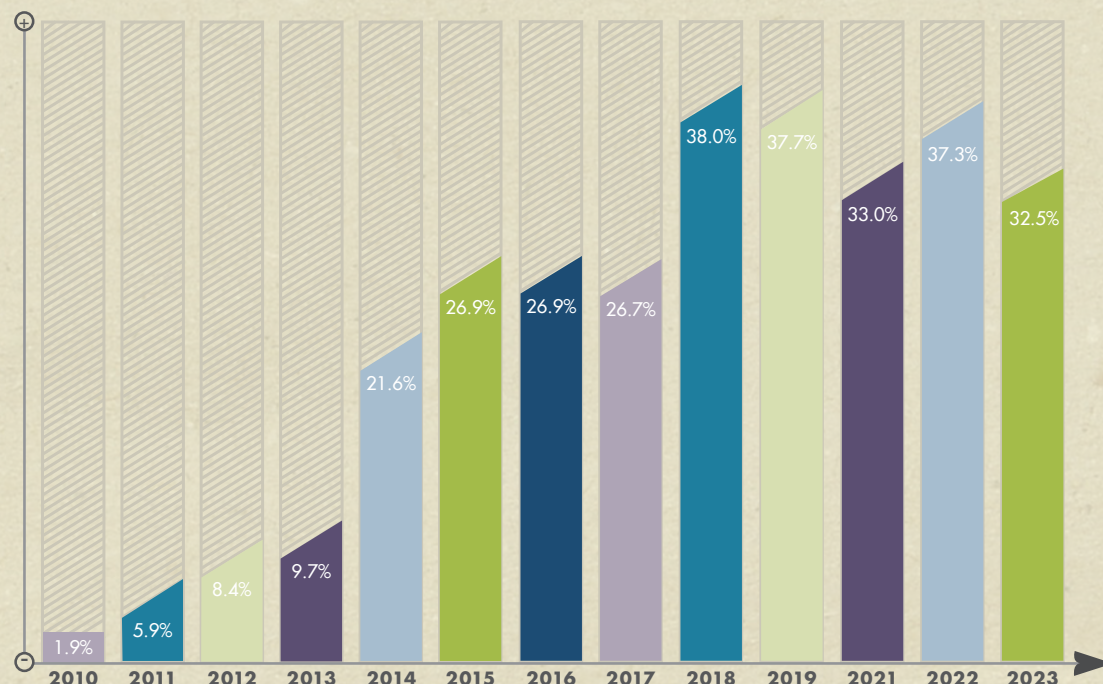
➤ Significant Demographic Differences

Changes between 2013 and 2014 in the wording and placement of questions about the use of e-cigarettes might have had an impact on reported use of these products.

ever tried an electronic cigarette

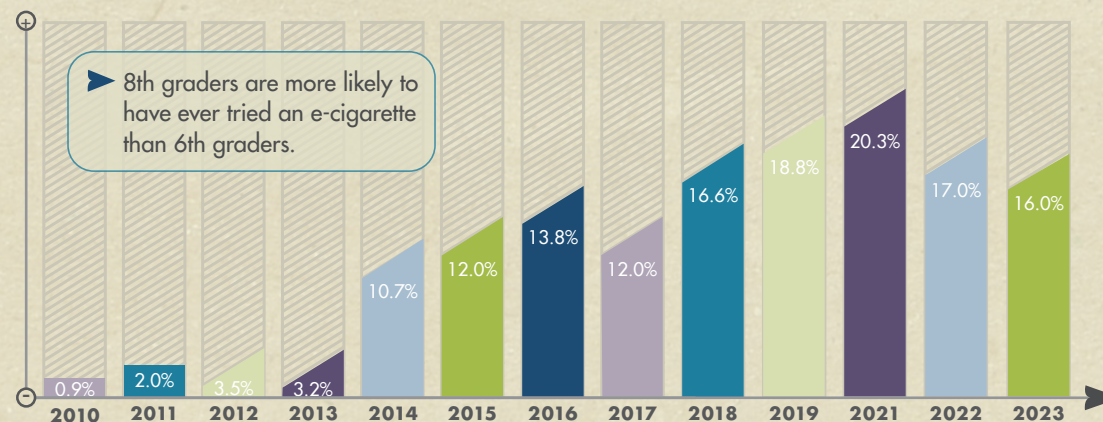
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS {2010-2023}



- * In 2023, 42,242 Mississippi public high school students had tried at least one e-cigarette.
- * The prevalence of having ever tried an e-cigarette has increased by 1,611% since 2010, leading to 39,772 more high school students who have tried using e-cigarettes.
- In the past year, the prevalence of having ever tried using e-cigarettes has not changed significantly.

MIDDLE SCHOOLS {2010-2023}



- * In 2023, 16,160 Mississippi public middle school students had tried at least one e-cigarette.
- * The prevalence of having ever tried an e-cigarette has increased by 1,678% since 2010, leading to 15,251 more middle school students who have tried using e-cigarettes.
- In the past year, the prevalence of having ever tried using e-cigarettes has not changed significantly.

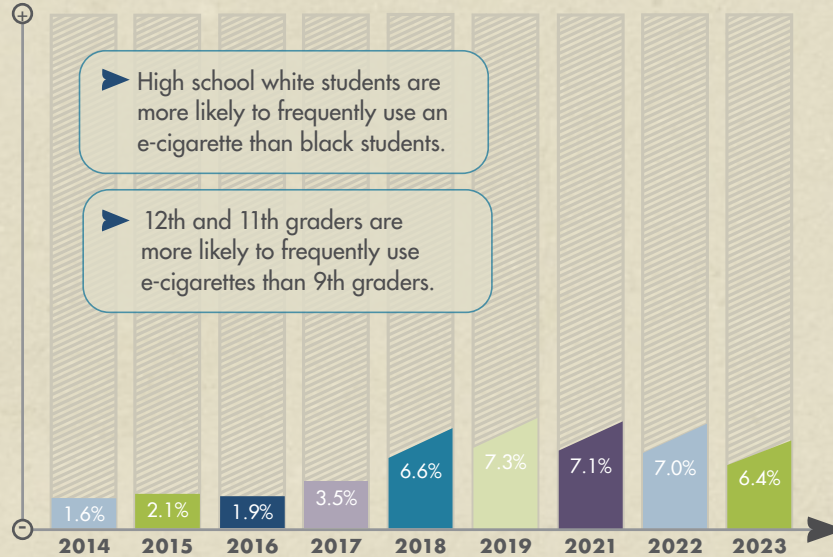
► Significant Demographic Differences

Changes between 2013 and 2014 in the wording and placement of questions about the use of e-cigarettes might have had an impact on reported use of these products.

frequent electronic cigarette use

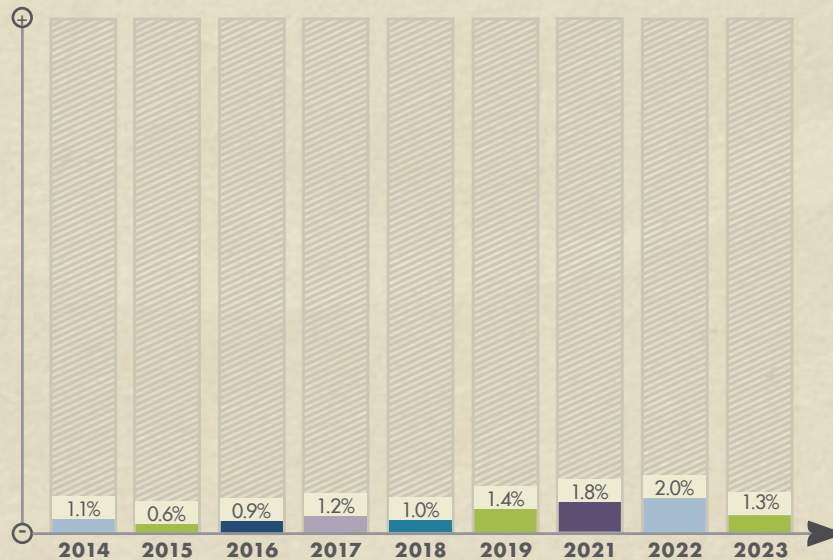
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS {2014-2023}



- * In 2023, 8,318 Mississippi public high school students had used e-cigarettes on at least 20 of the past 30 days.
- * The prevalence of frequent e-cigarette use has increased by 300% since 2014, leading to 6,239 more high school students who are frequent e-cigarette users.
- In the past year, the prevalence of frequent e-cigarette use has not changed significantly.

MIDDLE SCHOOLS {2014-2023}

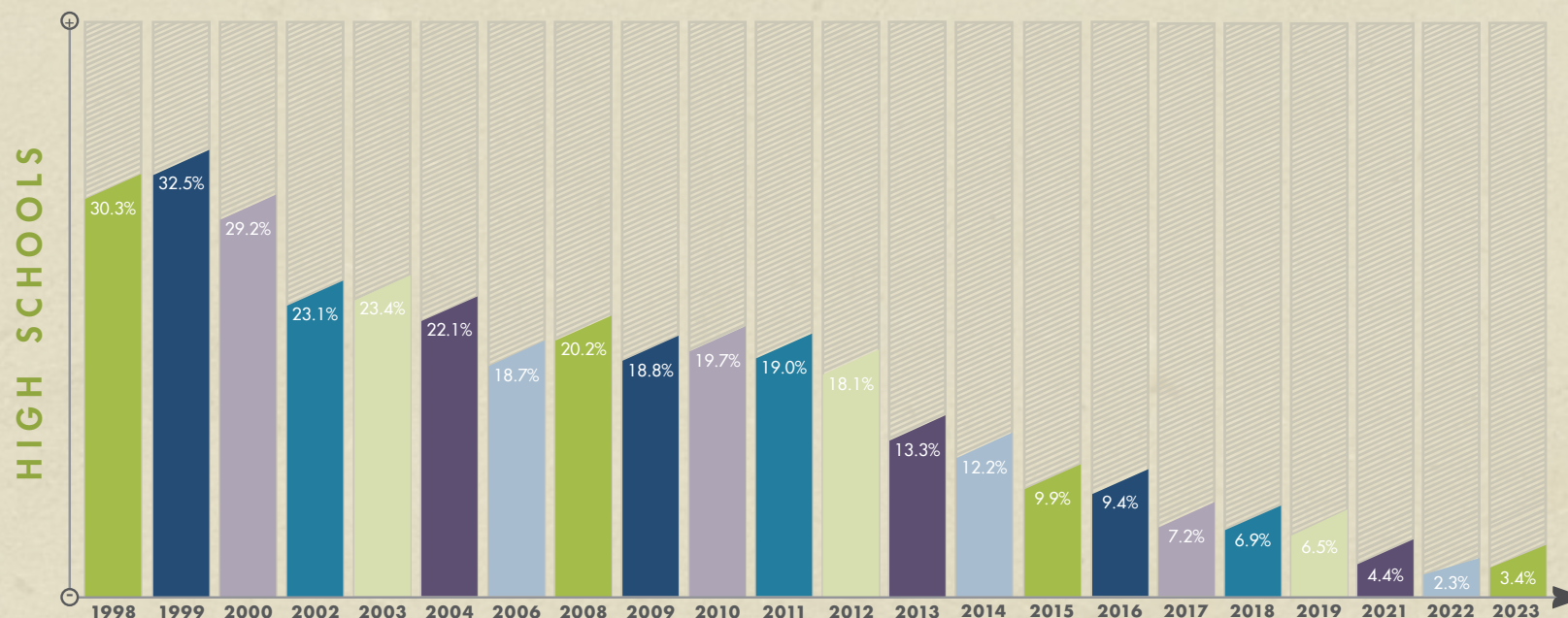


- * In 2023, 1,313 Mississippi public middle school students had used e-cigarettes on at least 20 of the past 30 days.
- * The prevalence of frequent e-cigarette use has not changed significantly since 2014.
- * In the past year, the prevalence of frequent e-cigarette use has not changed significantly.

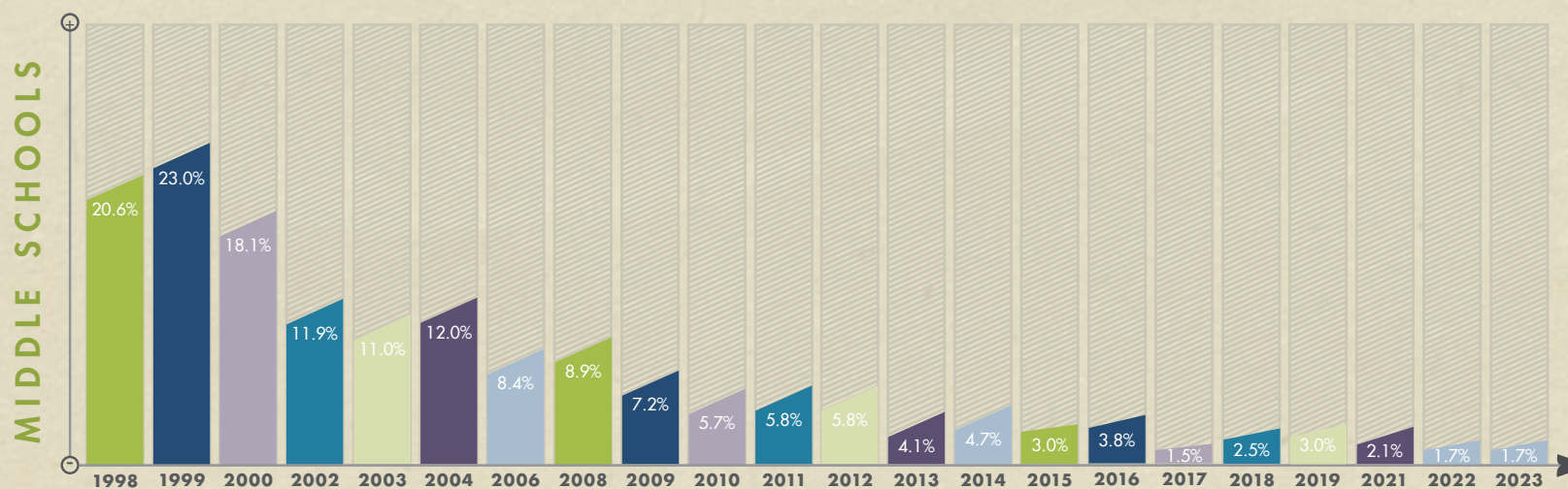
➤ Significant Demographic Differences

current cigarette smoking

MISSISSIPPI PUBLIC SCHOOLS



- * In 2023, 4,419 Mississippi public high school students had smoked cigarettes on at least one of the past 30 days.
- * The prevalence of current smoking has decreased by 89% since 1998, leading to 34,963 fewer young smokers.
- * In the past year, the prevalence of current smoking has not changed significantly.



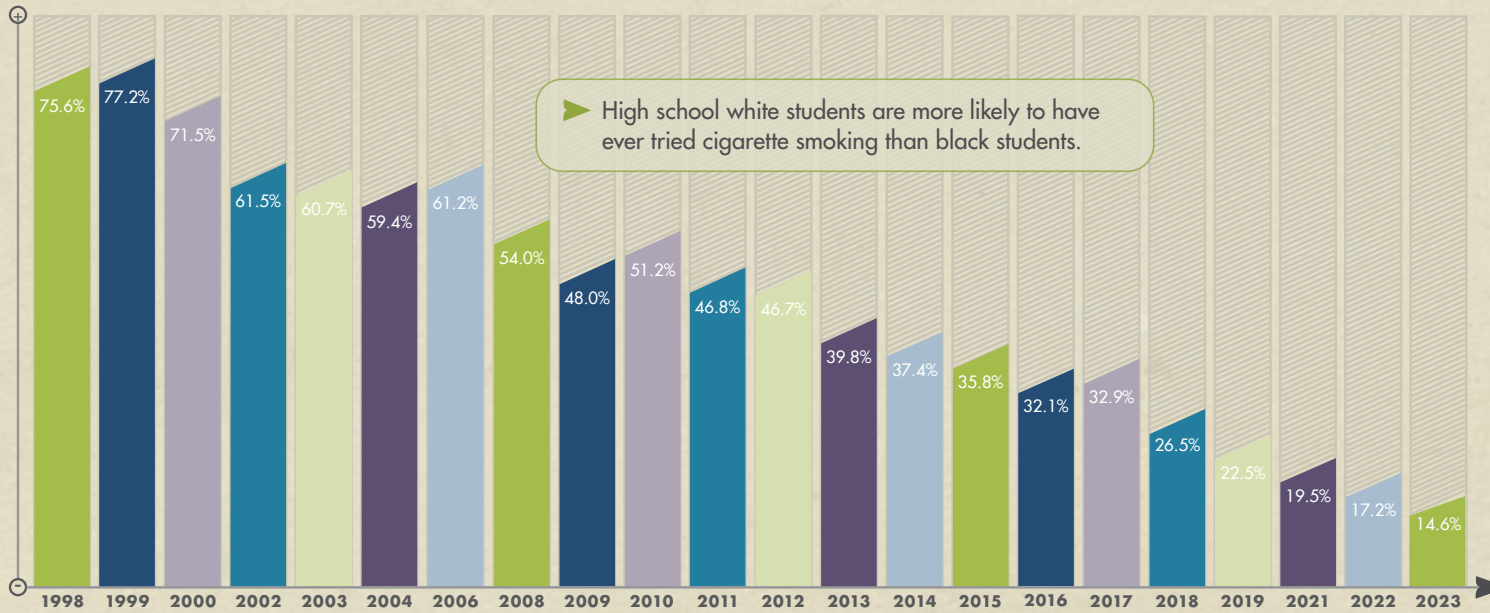
- * In 2023, 1,717 Mississippi public middle school students had smoked cigarettes on at least one of the past 30 days.
- * The prevalence of current smoking has decreased by 92% since 1998, leading to 19,089 fewer young smokers.
- * In the past year, the prevalence of current smoking has not changed significantly.

➤ Significant Demographic Differences

ever tried a cigarette

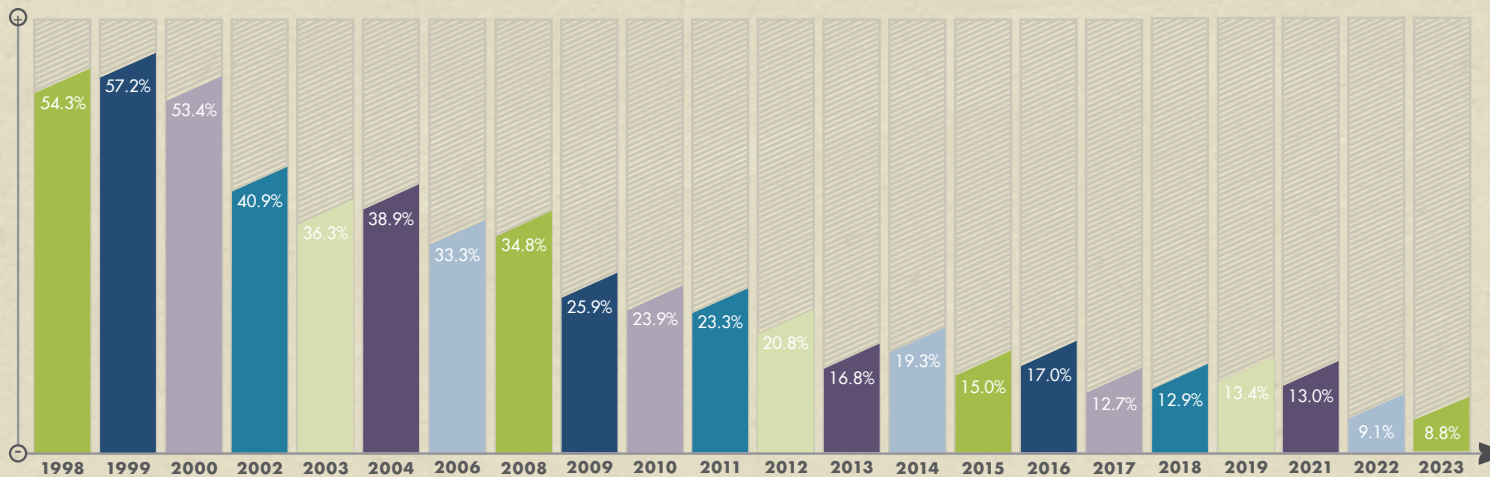
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS



- * In 2023, 18,976 Mississippi public high school students had tried at least one cigarette.
- * The prevalence of having ever tried a cigarette has decreased by 81% since 1998, leading to 79,284 fewer high school students who have tried smoking.
- * In the past year, the prevalence of having ever tried smoking has not changed significantly.

MIDDLE SCHOOLS



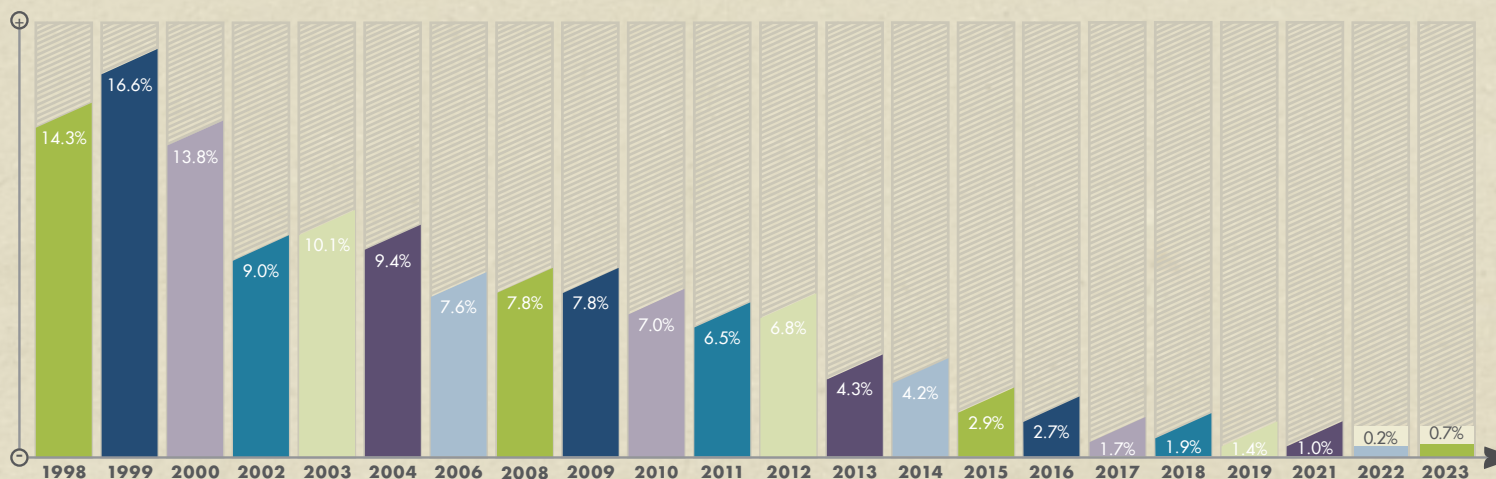
- * In 2023, 8,888 Mississippi public middle school students had tried at least one cigarette.
- * The prevalence of having ever tried a cigarette has decreased by 84% since 1998, leading to 45,956 fewer middle school students who have tried smoking.
- * In the past year, the prevalence of having ever tried smoking has not changed significantly.

➤ Significant Demographic Differences

frequent cigarette smoking

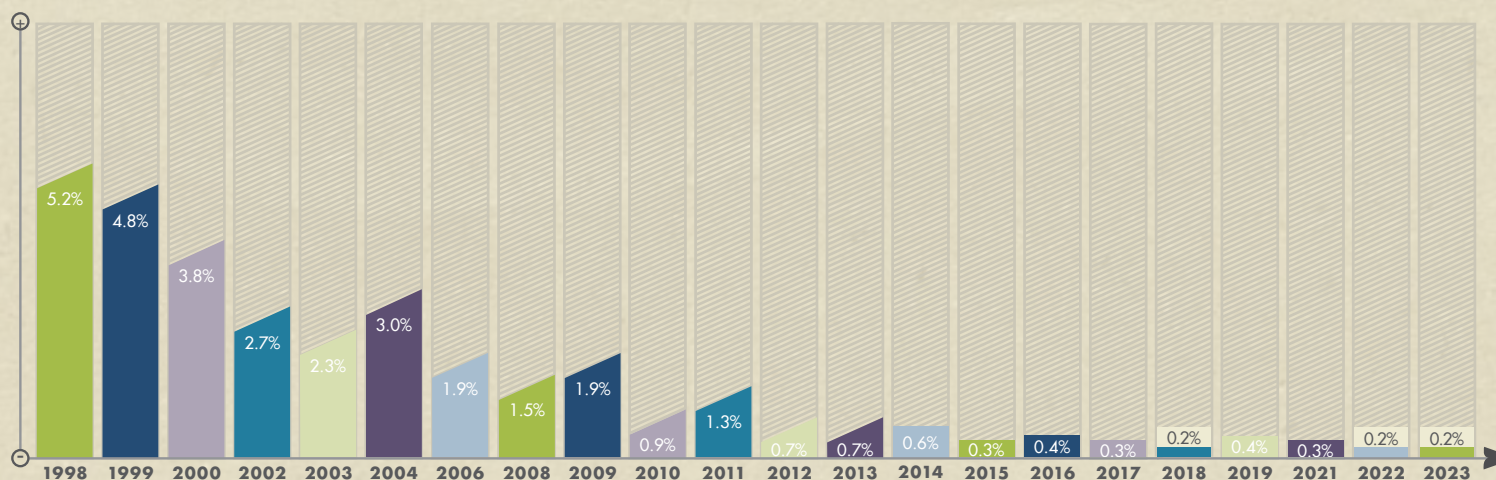
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS



- * In 2023, 910 Mississippi public high school students had smoked cigarettes on at least 20 of the past 30 days.
- * The prevalence of frequent smoking has decreased by 95% since 1998, leading to 17,676 fewer high school students who are frequent smokers.
- * In the past year, the prevalence of frequent smoking has not changed significantly.

MIDDLE SCHOOLS

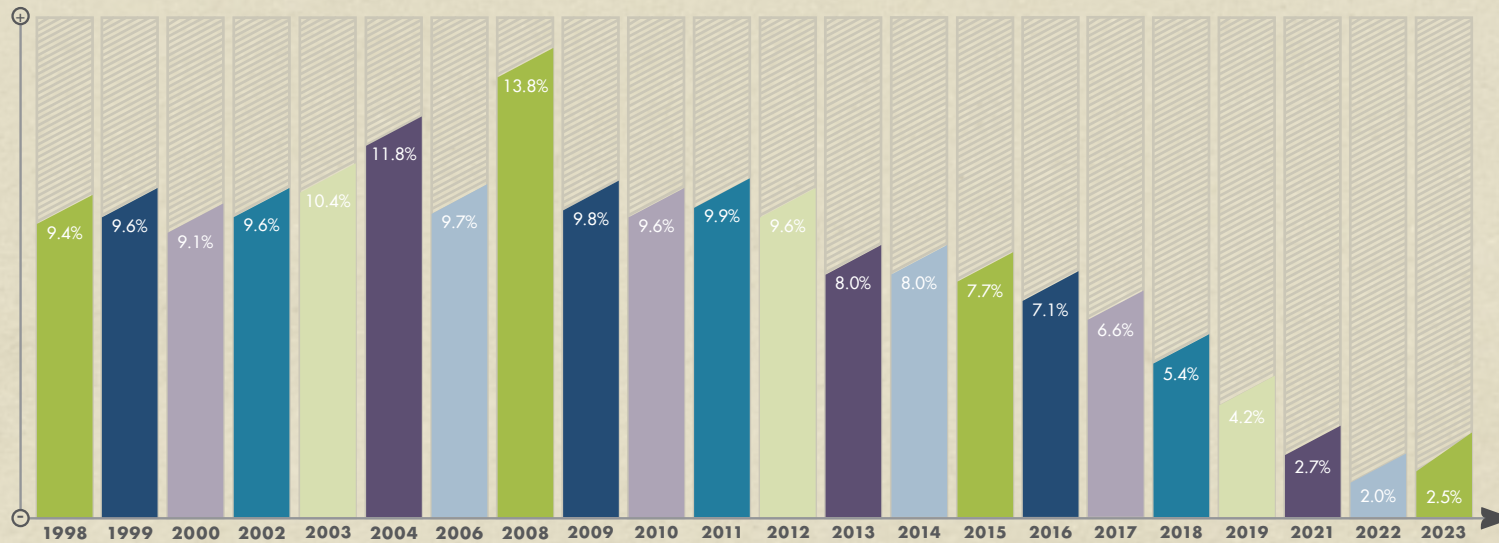


- * In 2023, 202 Mississippi public middle school students had smoked cigarettes on at least 20 of the past 30 days.
- * The prevalence of frequent smoking has decreased by 96% since 1998, leading to 5,050 fewer middle school students who are frequent smokers.
- * In the past year, the prevalence of frequent smoking has not changed significantly.

current smokeless tobacco use

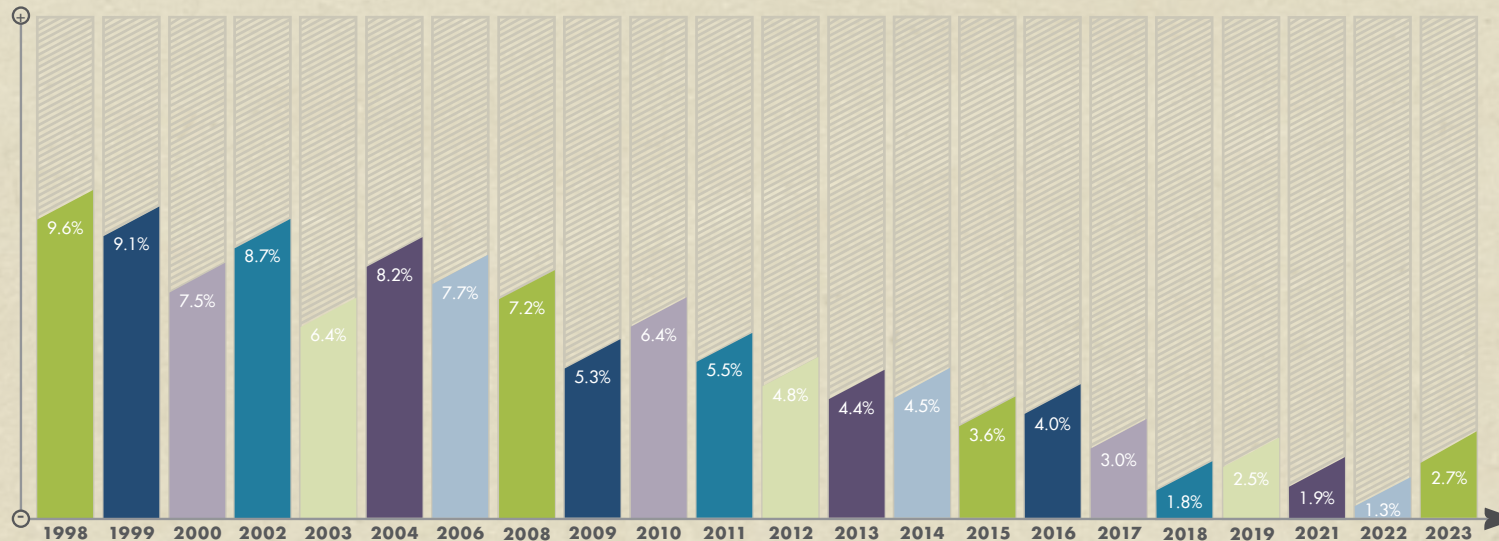
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS



- * In 2023, 3,249 Mississippi public high school students had used SLT on at least one of the past 30 days.
- * The prevalence of current SLT use has decreased by 73% since 1998, leading to 8,968 fewer young SLT users.
- * In the past year, the prevalence of current SLT use has not changed significantly.

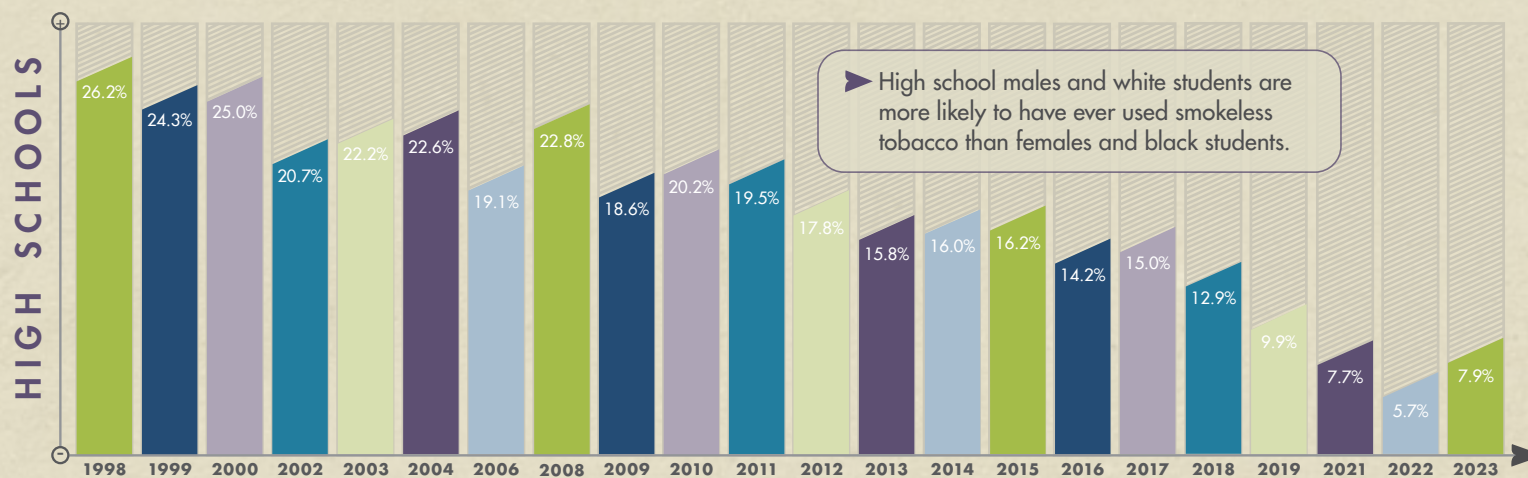
MIDDLE SCHOOLS



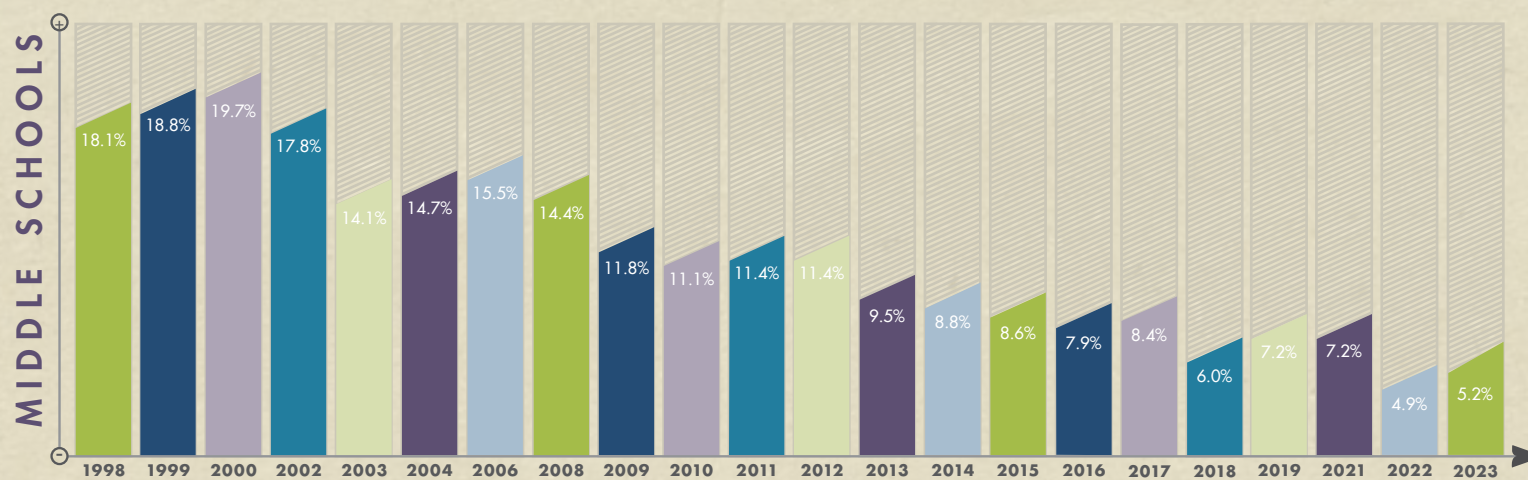
- * In 2023, 2,727 Mississippi public middle school students had used SLT on at least one of the past 30 days.
- * The prevalence of current SLT use has decreased by 72% since 1998, leading to 6,969 fewer young SLT users.
- * In the past year, the prevalence of current SLT use has not changed significantly.

ever tried smokeless tobacco

MISSISSIPPI PUBLIC SCHOOLS



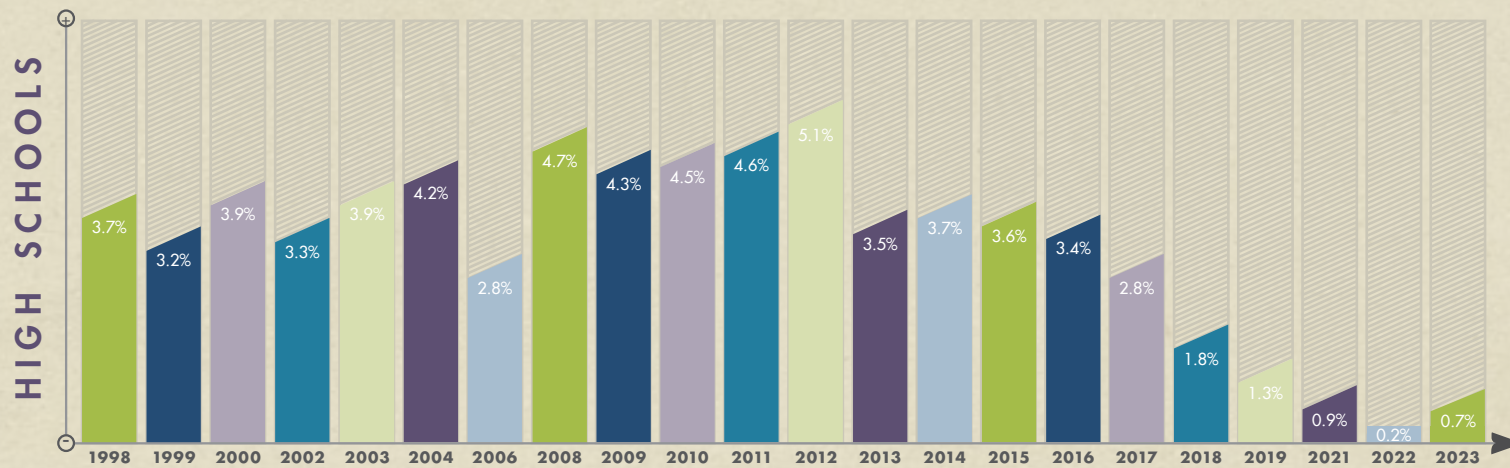
- * In 2023, 10,268 Mississippi public high school students had tried SLT at least one time.
- * The prevalence of having ever tried SLT has decreased by 70% since 1998, leading to 23,785 fewer high school students who have tried SLT.
- * In the past year, the prevalence of having ever tried SLT has not changed significantly.



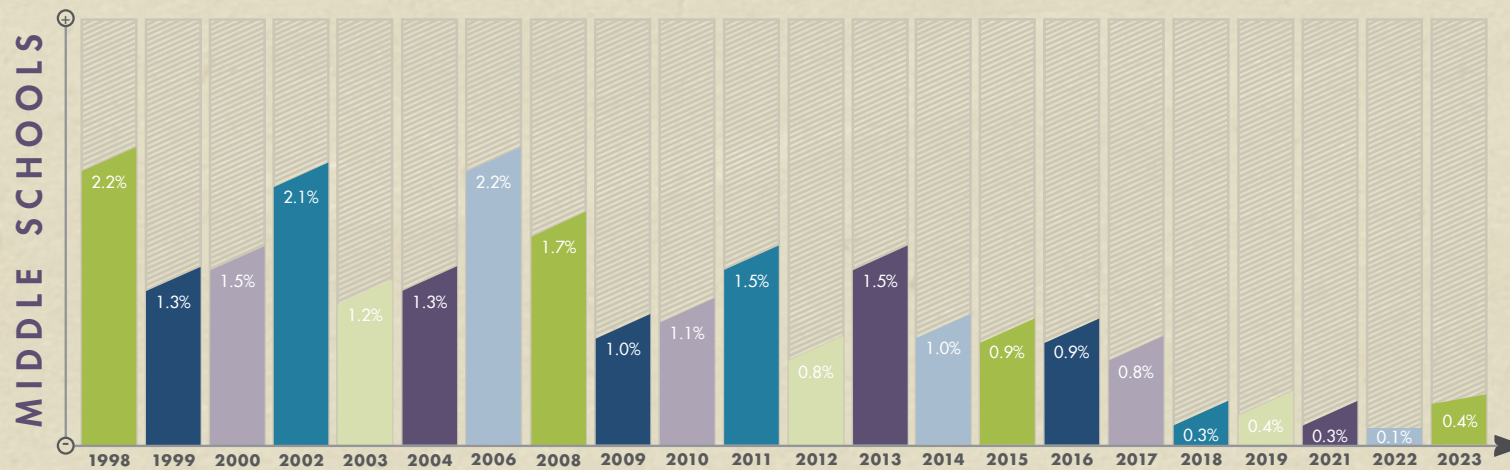
- * In 2023, 5,252 Mississippi public middle school students had tried SLT at least one time.
- * The prevalence of having ever tried SLT has decreased by 71% since 1998, leading to 13,029 fewer middle school students who have tried SLT.
- * In the past year, the prevalence of having ever tried SLT has not changed significantly.

frequent smokeless tobacco use

MISSISSIPPI PUBLIC SCHOOLS



- * In 2023, 910 Mississippi public high school students had used SLT on at least 20 of the past 30 days.
- * The prevalence of frequent SLT use has decreased by 81% since 1998, leading to 3,899 fewer high school students who are frequent SLT users.
- * In the past year, the prevalence of frequent SLT use has not changed significantly.

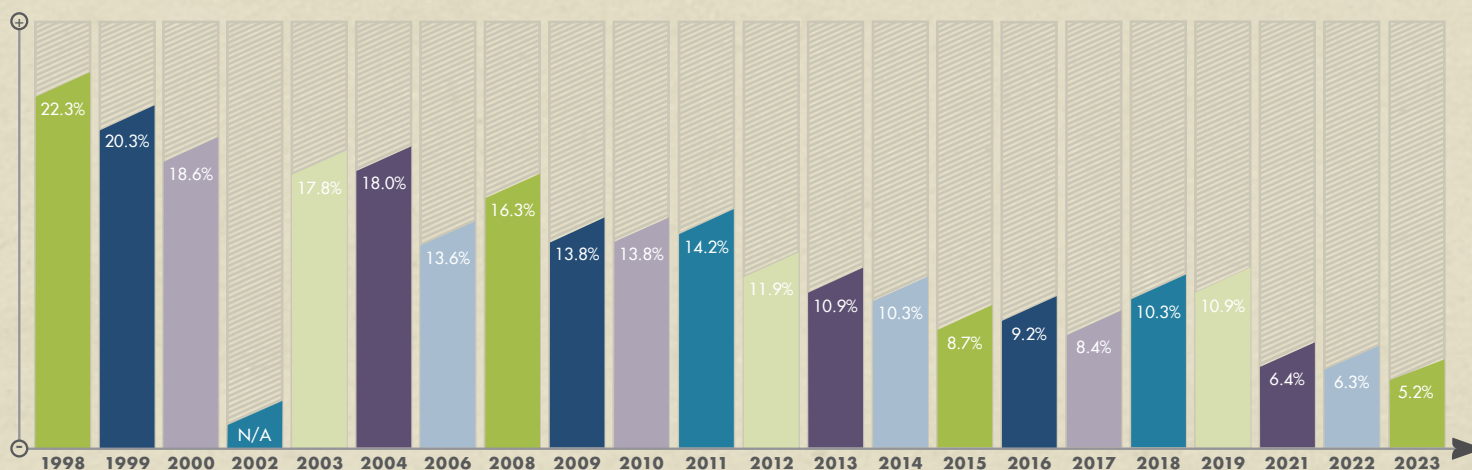


- * In 2023, 404 Mississippi public middle school students had used SLT on at least 20 of the past 30 days.
- * The prevalence of frequent SLT use has decreased by 82% since 1998, leading to 1,818 fewer middle school students who are frequent SLT users.
- * In the past year, the prevalence of frequent SLT use has not changed significantly.

current cigar smoking

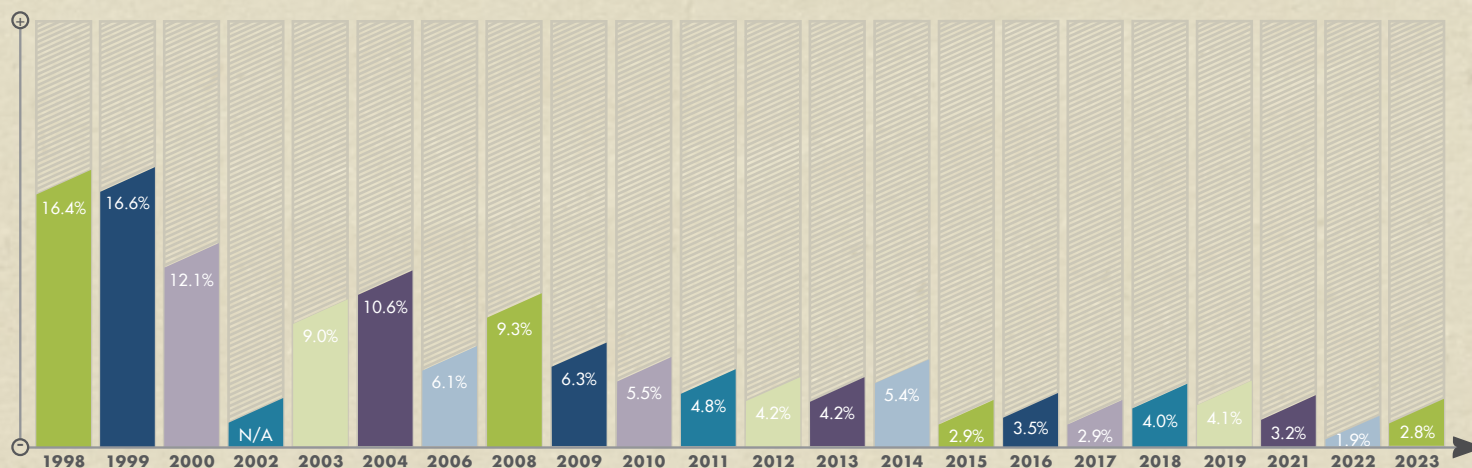
MISSISSIPPI PUBLIC SCHOOLS

HIGH SCHOOLS



- * In 2023, 6,759 Mississippi public high school students had smoked cigars on at least one of the past 30 days.
- * The prevalence of current cigar smoking has decreased by 77% since 1998, leading to 22,226 fewer young cigar smokers.
- * In the past year, the prevalence of current cigar smoking has not changed significantly.

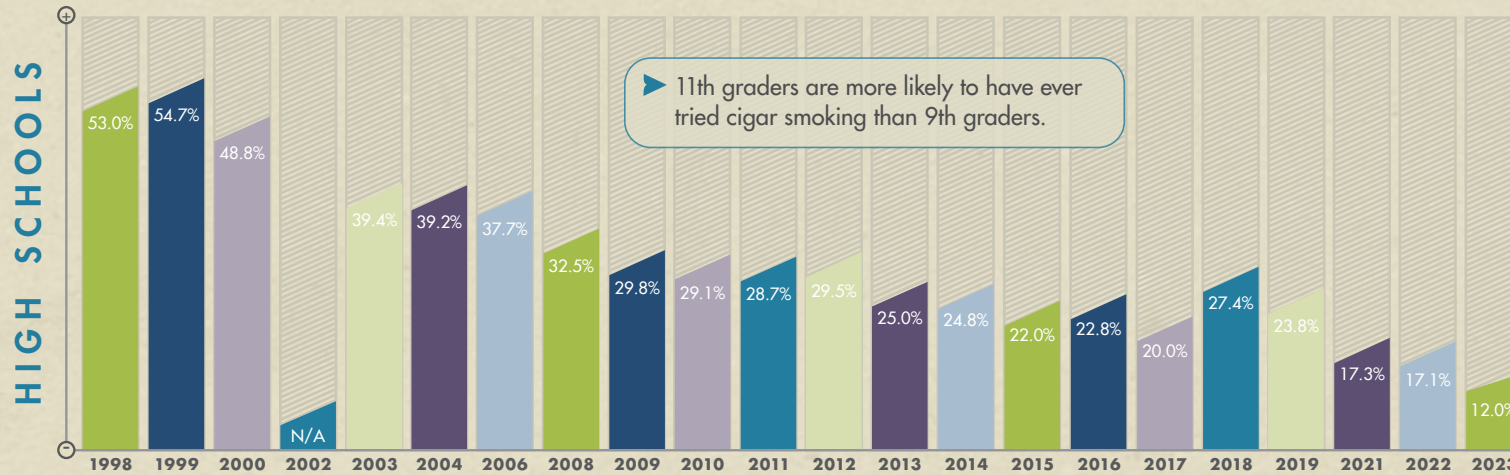
MIDDLE SCHOOLS



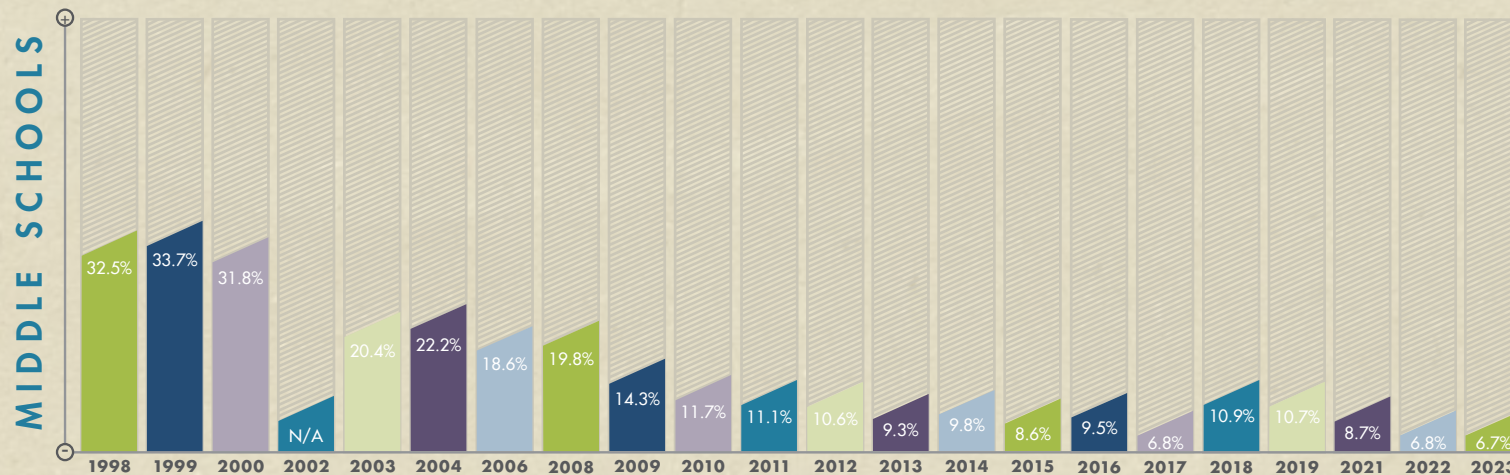
- * In 2023, 2,828 Mississippi public middle school students had smoked cigars on at least one of the past 30 days.
- * The prevalence of current cigar smoking has decreased by 83% since 1998, leading to 13,736 fewer young cigar smokers.
- * In the past year, the prevalence of current cigar smoking has not changed significantly.

ever tried a cigar

MISSISSIPPI PUBLIC SCHOOLS



- * In 2023, 15,597 Mississippi public high school students had tried at least one cigar.
- * The prevalence of having ever tried a cigar has decreased by 77% since 1998, leading to 53,289 fewer high school students who have tried cigar smoking.
- * In the past year, the prevalence of having ever tried smoking cigars has changed significantly.

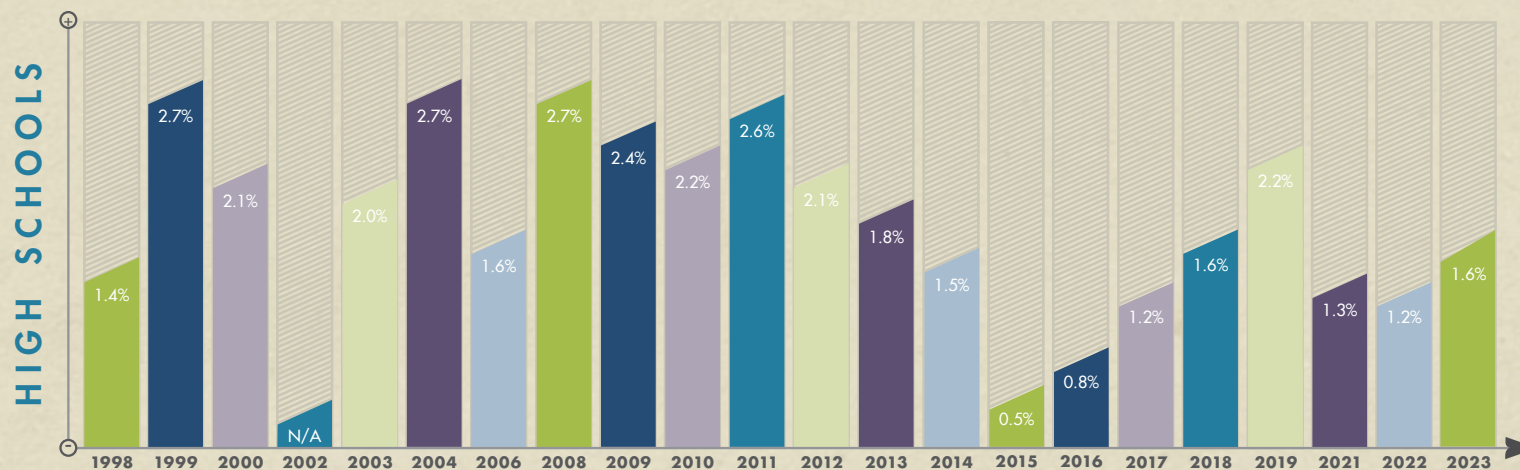


- * In 2023, 6,767 Mississippi public middle school students had tried at least one cigar.
- * The prevalence of having ever tried a cigar has decreased by 79% since 1998, leading to 26,059 fewer middle school students who have tried cigar smoking.
- * In the past year, the prevalence of having ever tried smoking cigars has not changed significantly.

► Significant Demographic Differences

frequent cigar smoking

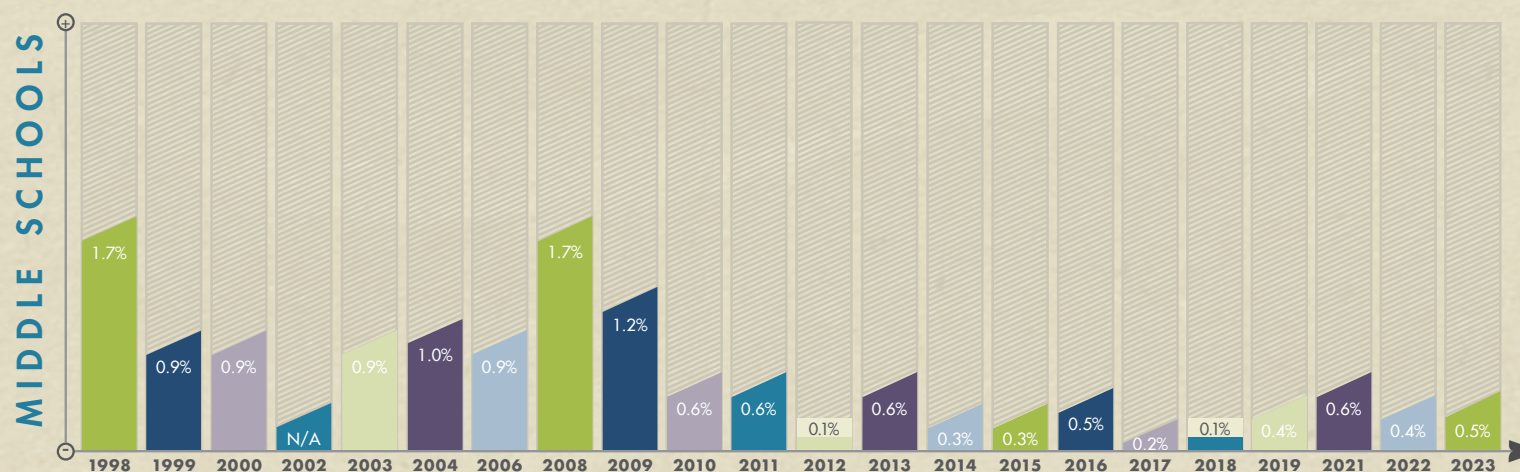
MISSISSIPPI PUBLIC SCHOOLS



* In 2023, 2,080 Mississippi public high school students had smoked cigars on at least 20 of the past 30 days.

* Since 1998, the prevalence of frequent cigar smoking has not changed significantly.

* In the past year, the prevalence of frequent cigar smoking has not changed significantly.



* In 2023, 505 Mississippi public middle school students had smoked cigars on at least 20 of the past 30 days.

* Since 1998, the prevalence of frequent cigar smoking has not changed significantly.

* In the past year, the prevalence of frequent cigar smoking has not changed significantly.

Over one-third (37.7%)
of high school students have
ever tried a tobacco product.

Almost two-thirds (64.1%)
of high school students
who have ever tried an
e-cigarette, *first used an*
e-cigarette **between**
the ages of
13 and 15.

One-fifth (21.7%)
of middle school
students have **ever** tried
a tobacco product.

Almost two-thirds
(62.9%) of middle school
students who have ever tried
an e-cigarette, *first used an*
e-cigarette **between the**
ages of 10 and 12.

A **quarter** of
high school (26.1%)
and middle school
(25.2%) students
who have never tried
an e-cigarette **are**
susceptible to
using an e-cigarette
in the future.

key findings

MISSISSIPPI PUBLIC SCHOOLS

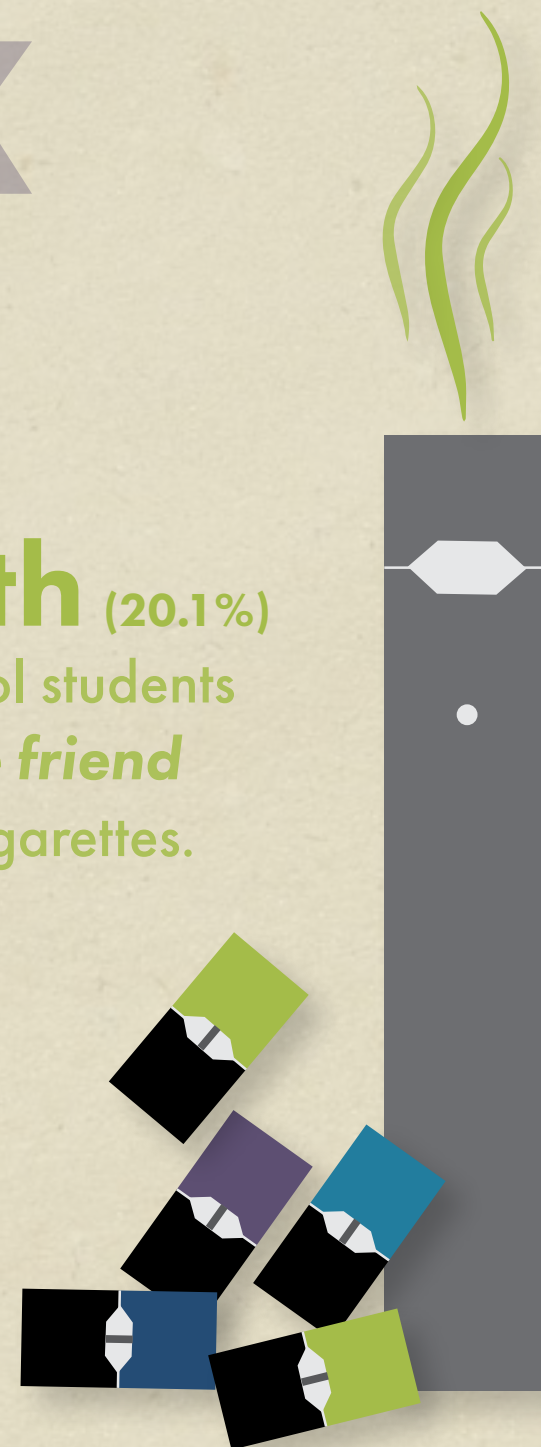
Over half

of high school (54.4%) and middle school (56.2%) students who used an e-cigarette in the past 30 days have **never** tried a cigarette.

One-fifth (20.1%)

of middle school students have a **close friend** that uses e-cigarettes.

Almost one-third (32.4%) of high school students have a **close friend** that uses e-cigarettes.



key findings

MISSISSIPPI PUBLIC SCHOOLS



In the past 7 days, **one-fifth** of high school students were **exposed to aerosol from an e-cigarette** inside a car they were riding in (**20.3%**) or in an indoor public place such as a school, store, restaurant, or sports arena (**19.1%**).

Over half (59.1%) of high school students who used an e-cigarette in the past 30 days preferred an e-cigarette with a **fruit flavor**.

Over **two-thirds** of middle school (77.6%) students who used an e-cigarette in the past 30 days preferred an e-cigarette with a **fruit flavor**.

key findings

MISSISSIPPI PUBLIC SCHOOLS

Over one-third of high school students (**38.0%**) and middle school (**37.6%**) students who used an e-cigarette in the past 30 days used an e-cigarette because they **came in flavors they liked**.

Over one-quarter (26.1%) of middle school students who used an e-cigarette in the past 30 days got their e-cigarettes from a **friend or family member**.

One-fifth of high school students who used an e-cigarette in the past 30 days got their e-cigarettes from a **gas station or convenience store (21.4%)** or from a **friend or family member (19.1%)**.

One-fifth (20.6%) of high school students who used an e-cigarette in the past 30 days used an e-cigarette because they **thought it might be less harmful** than cigarettes.

Mississippi Youth Tobacco Use {2010-2023} Current Electronic Cigarette Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
TOTAL	15.7 (±2.9)	15.6 (±2.3)	17.3 (±3.3)	21.3 (±3.5)	21.6 (±4.4)	11.5 (±2.9)	10.3 (±1.6)	12.0 (±2.1)	10.1 (±2.0)	2.9 (±1.0)	2.7 (±1.2)	2.3 (±1.1)	1.2 (±0.8)
SEX													
FEMALE	18.3 (±4.1)	16.2 (±3.8)	20.1 (±4.3)	21.3 (±4.3)	19.6 (±5.4)	10.0 (±2.8)	9.1 (±2.0)	8.8 (±2.1)	9.0 (±2.2)	2.4 (±1.1)	1.9 (±1.2)	1.1 (±0.8)	1.1 (±1.0)
MALE	12.9 (±3.0)	14.9 (±2.1)	14.4 (±3.9)	21.4 (±4.5)	23.6 (±4.4)	13.3 (±3.9)	11.4 (±2.9)	15.1 (±3.0)	11.3 (±2.9)	3.3 (±1.7)	3.4 (±1.9)	3.6 (±1.8)	1.3 (±0.9)
RACE													
WHITE	19.9 (±5.0)	18.9 (±3.3)	24.8 (±4.3)	33.2 (±5.0)	34.0 (±4.1)	16.7 (±3.9)	15.1 (±2.6)	16.9 (±3.1)	13.6 (±3.7)	5.2 (±2.4)	4.7 (±2.6)	3.4 (±2.2)	1.8 (±1.3)
BLACK	12.6 (±2.6)	12.7 (±3.4)	9.3 (±2.7)	9.2 (±2.3)	9.4 (±3.3)	6.4 (±2.0)	6.7 (±2.7)	5.7 (±1.8)	6.4 (±1.7)	0.8 (±0.8)	0.8 (±0.7)	1.6 (±1.1)	0.6 (±0.9)
GRADE													
9	10.7 (±3.9)	11.4 (±3.3)	18.6 (±4.4)	17.2 (±4.9)	18.1 (±4.3)	9.0 (±2.7)	8.7 (±2.6)	9.1 (±2.5)	8.1 (±3.0)	1.9 (±1.5)	2.6 (±1.6)	1.7 (±1.5)	1.2 (±1.0)
10	15.7 (±6.5)	15.1 (±4.3)	14.7 (±5.6)	17.4 (±4.6)	22.8 (±5.3)	11.7 (±4.2)	10.6 (±3.2)	13.6 (±4.9)	11.2 (±3.1)	2.3 (±1.8)	4.3 (±2.7)	1.9 (±2.0)	0.9 (±1.0)
11	18.5 (±3.8)	16.7 (±4.6)	17.9 (±3.7)	23.0 (±6.6)	24.8 (±9.3)	10.5 (±6.2)	10.4 (±2.9)	10.2 (±5.0)	10.4 (±3.8)	2.7 (±1.6)	2.4 (±1.9)	1.3 (±1.3)	0.3 (±1.0)
12	19.2 (±5.3)	20.5 (±4.2)	18.2 (±8.7)	29.2 (±8.8)	21.1 (±6.1)	15.2 (±5.5)	11.1 (±3.2)	15.3 (±5.2)	11.3 (±6.1)	5.0 (±2.3)	1.1 (±2.1)	4.4 (±3.4)	2.5 (±2.4)

Mississippi Youth Tobacco Use {2010-2023} Current Electronic Cigarette Smoking - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
TOTAL	6.4 (±2.2)	8.2 (±2.5)	9.7 (±2.0)	8.6 (±2.0)	7.1 (±1.8)	4.8 (±1.2)	5.9 (±1.8)	4.6 (±1.5)	6.7 (±2.6)	1.5 (±0.7)	1.1 (0.6)	1.0 (±0.7)	0.6 (±0.4)
SEX													
FEMALE	6.8 (±2.2)	10.3 (±3.8)	11.0 (±3.2)	7.4 (±1.9)	7.4 (±2.1)	4.6 (±1.4)	4.6 (±1.9)	4.2 (±1.9)	4.4 (±2.1)	1.0 (±0.9)	1.3 (±1.0)	0.5 (±0.8)	0.5 (±0.6)
MALE	5.9 (±2.7)	5.9 (±3.3)	8.4 (±2.4)	9.4 (±2.5)	6.9 (±2.2)	5.1 (±1.9)	7.1 (±2.6)	5.0 (±1.7)	8.8 (±3.9)	1.9 (±0.9)	0.8 (±0.6)	1.6 (±1.2)	0.8 (±0.4)
RACE													
WHITE	5.8 (±1.4)	9.5 (±4.7)	12.6 (±3.3)	13.2 (±3.0)	9.5 (±2.8)	6.5 (±2.3)	7.6 (±2.7)	5.9 (±2.4)	6.1 (±3.5)	2.0 (±1.2)	1.4 (±1.1)	1.6 (±1.5)	1.1 (±0.7)
BLACK	6.2 (±3.9)	7.4 (±3.3)	6.9 (±2.0)	4.5 (±2.6)	4.7 (±1.3)	2.8 (±1.6)	4.1 (±2.5)	2.8 (±1.7)	7.8 (±3.9)	0.9 (±0.8)	0.2 (±0.4)	0.6 (±0.7)	0.3 (±0.5)
GRADE													
6	3.2 (±2.1)	5.9 (±3.3)	4.8 (±2.5)	4.1 (±2.5)	4.1 (±1.1)	2.2 (±1.8)	4.3 (±2.9)	1.2 (±1.3)	5.3 (±3.7)	1.2 (±0.8)	0.4 (±1.1)	0.4 (±0.7)	0.7 (±1.1)
7	9.5 (±4.3)	7.0 (±3.6)	9.6 (±2.3)	7.4 (±2.6)	6.9 (±2.7)	4.4 (±1.9)	5.1 (±3.0)	5.5 (±2.3)	7.1 (±4.8)	1.0 (±1.1)	0.5 (±0.7)	1.2 (±1.3)	0.3 (±1.3)
8	6.5 (±3.2)	11.3 (±4.8)	15.2 (±3.7)	14.9 (±4.3)	10.3 (±4.9)	8.0 (±2.5)	8.1 (±2.3)	7.1 (±3.3)	7.7 (±4.0)	2.3 (±1.6)	2.3 (±1.2)	1.4 (±1.3)	1.0 (±1.1)

Changes between 2013 and 2014 in the wording and placement of questions about the use of e-cigarettes might have had an impact on reported use of these products.

Mississippi Youth Tobacco Use {2010-2023} Ever Tried an Electronic Cigarette - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
TOTAL	32.5 (±4.6)	37.3 (±3.6)	33.0 (±4.5)	37.7 (±5.0)	38.0 (±5.8)	26.7 (±3.7)	26.9 (±2.7)	26.9 (±3.6)	21.6 (±3.0)	9.7 (±2.6)	8.4 (±3.6)	5.9 (±2.0)	1.9 (±1.1)
SEX													
FEMALE	35.9 (±6.9)	39.8 (±4.6)	37.1 (±5.5)	38.8 (±5.8)	34.6 (±6.8)	26.4 (±4.4)	23.5 (±3.8)	22.6 (±3.2)	19.6 (±3.4)	8.5 (±2.7)	7.5 (±4.4)	2.8 (±1.7)	1.8 (±1.9)
MALE	28.7 (±4.2)	34.5 (±4.5)	28.3 (±4.6)	36.9 (±5.8)	41.4 (±6.1)	27.5 (±4.9)	30.0 (±3.1)	31.4 (±4.9)	23.0 (±4.1)	10.9 (±3.2)	9.2 (±3.8)	9.1 (±3.1)	1.9 (±1.1)
RACE													
WHITE	38.0 (±6.4)	45.0 (±4.6)	44.5 (±6.1)	51.8 (±5.8)	55.4 (±3.3)	36.8 (±4.4)	35.9 (±4.5)	39.4 (±3.1)	31.0 (±3.9)	17.8 (±4.5)	16.1 (±5.7)	11.8 (±3.2)	3.1 (±1.9)
BLACK	28.3 (±5.2)	30.8 (±4.8)	21.0 (±4.0)	23.8 (±3.8)	20.2 (±4.7)	15.8 (±4.0)	17.8 (±2.9)	14.3 (±3.6)	11.1 (±2.8)	2.2 (±1.4)	1.1 (±1.1)	1.3 (±1.2)	0.7 (±0.8)
GRADE													
9	28.8 (±5.7)	29.9 (±4.7)	34.6 (±5.6)	33.2 (±5.7)	34.1 (±5.4)	21.6 (±4.6)	21.1 (±5.1)	22.2 (±5.5)	15.9 (±5.1)	5.6 (±3.0)	6.1 (±3.9)	4.2 (±2.8)	1.6 (±0.9)
10	33.2 (±9.2)	36.0 (±5.8)	30.2 (±10.2)	33.6 (±6.2)	41.4 (±5.5)	26.9 (±4.8)	29.4 (±5.4)	30.0 (±5.9)	23.4 (±5.5)	9.9 (±4.3)	10.1 (±4.6)	6.2 (±3.2)	1.2 (±1.5)
11	32.3 (±4.2)	37.7 (±8.0)	35.3 (±5.4)	39.3 (±9.4)	39.5 (±10.3)	29.3 (±9.2)	30.0 (±4.3)	24.1 (±5.4)	22.3 (±5.6)	8.7 (±4.4)	7.0 (±3.6)	5.5 (±2.2)	1.2 (±1.5)
12	36.9 (±8.5)	46.6 (±7.2)	31.6 (±11.2)	46.5 (±11.0)	37.4 (±8.6)	30.0 (±5.8)	26.8 (±6.0)	31.7 (±7.9)	26.6 (±7.4)	15.7 (±5.9)	10.9 (±9.0)	8.5 (±4.6)	3.8 (±4.7)

Mississippi Youth Tobacco Use {2010-2023} Ever Tried an Electronic Cigarette - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
TOTAL	16.0 (±4.9)	17.0 (±3.3)	20.3 (±3.6)	18.8 (±3.0)	16.6 (±2.9)	12.0 (±2.6)	13.8 (±2.9)	12.0 (±2.0)	10.7 (±3.0)	3.2 (±1.2)	3.5 (±1.4)	2.0 (±0.9)	0.9 (±0.6)
SEX													
FEMALE	16.5 (±4.6)	19.1 (±4.8)	22.4 (±4.8)	17.2 (±3.1)	16.8 (±3.3)	12.0 (±3.2)	10.5 (±2.6)	9.8 (±2.2)	6.7 (±2.5)	3.3 (±1.5)	3.6 (±1.8)	1.2 (±0.9)	0.7 (±0.8)
MALE	15.8 (±5.8)	14.9 (±4.2)	18.1 (±3.6)	20.4 (±3.7)	16.5 (±3.2)	11.9 (±3.2)	17.0 (±4.4)	14.0 (±2.9)	14.7 (±4.5)	3.2 (±1.5)	3.5 (±1.8)	2.8 (±1.7)	1.0 (±0.8)
RACE													
WHITE	16.6 (±6.1)	19.8 (±4.8)	26.8 (±4.7)	25.6 (±4.1)	21.0 (±4.7)	16.4 (±3.8)	17.8 (±5.0)	15.3 (±3.0)	11.8 (±3.9)	5.2 (±1.9)	5.1 (±2.3)	2.8 (±1.6)	1.4 (±1.2)
BLACK	15.2 (±5.3)	13.6 (±4.7)	14.1 (±2.7)	13.5 (±4.0)	12.1 (±2.0)	8.1 (±3.3)	9.5 (±3.1)	8.1 (±2.1)	9.9 (±4.8)	1.2 (±0.9)	1.5 (±0.6)	1.2 (±1.1)	0.4 (±0.5)
GRADE													
6	8.6 (±3.7)	12.5 (±4.3)	13.8 (±4.2)	13.0 (±4.4)	12.0 (±2.9)	7.3 (±2.6)	8.6 (±3.5)	7.4 (±2.2)	8.4 (±4.2)	1.8 (±1.1)	2.1 (±1.4)	1.4 (±1.3)	0.8 (±1.0)
7	18.6 (±8.8)	16.3 (±3.6)	21.1 (±4.5)	15.6 (±3.2)	15.5 (±5.0)	12.0 (±4.2)	13.8 (±3.1)	11.8 (±2.4)	11.2 (±6.4)	3.4 (±2.1)	3.2 (±2.2)	2.3 (±1.5)	0.5 (±1.1)
8	20.8 (±7.4)	21.7 (±7.7)	26.5 (±5.2)	29.0 (±5.2)	22.4 (±5.9)	16.5 (±4.5)	18.8 (±5.1)	16.5 (±4.4)	12.5 (±5.1)	4.6 (±1.5)	5.4 (±2.5)	2.0 (±1.5)	1.3 (±1.2)

Changes between 2013 and 2014 in the wording and placement of questions about the use of e-cigarettes might have had an impact on reported use of these products.

Mississippi Youth Tobacco Use {2014-2023} Frequent Electronic Cigarette Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014
TOTAL	6.4 (±1.4)	7.0 (±1.3)	7.1 (±2.2)	7.3 (±1.7)	6.6 (±2.0)	3.5 (±1.6)	1.9 (±0.8)	2.1 (±1.1)	1.6 (±0.9)
SEX									
FEMALE	6.1 (±2.0)	7.2 (±2.4)	7.2 (±2.3)	5.2 (±2.0)	5.1 (±2.3)	2.6 (±1.4)	1.0 (±1.1)	1.6 (±1.0)	0.9 (0.9)
MALE	6.3 (±1.8)	6.6 (±1.6)	6.8 (±2.6)	9.5 (±2.2)	8.2 (±2.7)	4.5 (±2.2)	2.8 (±1.3)	2.5 (±1.5)	2.2 (±1.3)
RACE									
WHITE	10.3 (±3.0)	9.9 (±2.2)	12.5 (±3.5)	12.0 (±3.2)	12.5 (±2.5)	5.2 (±2.5)	3.1 (±1.7)	2.7 (±1.7)	1.8 (±1.3)
BLACK	3.3 (±1.4)	4.4 (±1.3)	2.0 (±1.1)	2.1 (±1.0)	1.4 (±0.8)	1.6 (±1.0)	0.9 (±1.0)	1.1 (±0.8)	0.9 (±0.9)
GRADE									
9	2.7 (±1.8)	4.0 (±2.1)	5.2 (±1.9)	3.1 (±1.7)	4.1 (±2.0)	2.1 (±1.3)	1.5 (±1.2)	1.9 (±1.6)	0.7 (±1.0)
10	6.7 (±3.7)	7.0 (±2.7)	5.5 (±3.3)	6.2 (±1.9)	6.5 (±2.9)	2.8 (±1.9)	1.3 (±1.5)	3.0 (±2.6)	1.5 (±1.2)
11	8.9 (±2.0)	7.5 (±1.8)	7.5 (±3.0)	9.1 (±3.5)	7.9 (±3.9)	4.2 (±3.1)	3.0 (±2.4)	1.4 (±1.5)	2.2 (±1.5)
12	8.1 (±3.3)	10.4 (±3.0)	11.0 (±5.3)	11.8 (±5.3)	8.1 (±4.1)	5.0 (±3.4)	2.3 (±1.5)	1.6 (±1.5)	2.1 (±2.3)

Mississippi Youth Tobacco Use {2014-2023} Frequent Electronic Cigarette Smoking - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014
TOTAL	1.3 (±0.9)	2.0 (±1.1)	1.8 (±0.8)	1.4 (±1.0)	1.0 (±0.4)	1.2 (±0.6)	0.9 (±0.4)	0.6 (±0.5)	1.1 (±0.7)
SEX									
FEMALE	1.2 (±1.0)	2.1 (±1.2)	2.2 (±1.3)	1.3 (±1.1)	0.7 (±0.6)	1.4 (±0.9)	0.4 (0.2)	0.3 (±0.4)	0.4 (±0.8)
MALE	1.4 (±1.0)	1.9 (±1.3)	1.3 (±1.0)	1.4 (±1.2)	1.1 (±0.5)	1.0 (±0.7)	1.4 (0.7)	0.8 (±0.7)	1.6 (±1.3)
RACE									
WHITE	1.9 (±1.4)	2.9 (±2.4)	1.9 (±0.8)	2.3 (±1.7)	1.4 (±0.8)	1.9 (±0.8)	0.8 (±0.9)	1.0 (±0.9)	1.1 (±1.6)
BLACK	0.9 (±1.0)	1.3 (±1.1)	1.7 (±1.3)	0.5 (±0.7)	0.3 (±0.4)	0.3 (±0.5)	0.6 (±0.6)	0.1 (±0.5)	1.0 (±0.9)
GRADE									
6	0.4 (±0.5)	0.8 (±1.1)	1.1 (±1.2)	0.2 (±0.3)	0.4 (±0.5)	0.0 (±0.0)	0.3 (±0.6)	0.1 (±0.2)	0.4 (±0.8)
7	2.2 (±1.9)	1.0 (±1.0)	1.2 (±0.8)	0.3 (±0.4)	0.8 (±0.7)	0.6 (±0.6)	0.9 (±0.9)	0.9 (±0.9)	0.8 (±1.3)
8	1.3 (±1.3)	4.0 (±2.9)	3.1 (±1.4)	4.1 (±2.5)	1.8 (±1.3)	3.0 (±1.6)	1.5 (±1.3)	0.7 (±0.9)	2.2 (±2.6)

Mississippi Youth Tobacco Use {1998-2023} Current Cigarette Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	3.4 (±1.5)	2.3 (±0.7)	4.4 (±1.0)	6.5 (±1.5)	6.9 (±1.9)	7.2 (±1.9)	9.4 (±1.8)	9.9 (±1.9)	12.2 (±2.5)	13.3 (±3.0)
SEX										
FEMALE	2.3 (±1.6)	1.8 (±0.9)	3.9 (±1.6)	4.3 (±1.6)	6.0 (±2.0)	6.2 (±2.1)	9.0 (±2.8)	5.9 (±1.7)	9.6 (±2.4)	11.4 (±3.7)
MALE	4.4 (±2.0)	2.9 (±1.1)	4.6 (±1.6)	8.6 (±2.1)	7.9 (±2.7)	8.2 (±2.0)	9.9 (±1.9)	14.1 (±3.0)	14.9 (±3.3)	15.2 (±3.2)
RACE										
WHITE	5.2 (±2.7)	3.5 (±1.4)	6.6 (±2.1)	9.0 (±1.9)	11.2 (±3.0)	12.4 (±2.0)	14.9 (±3.7)	16.0 (±2.2)	17.5 (±4.3)	20.2 (±3.9)
BLACK	1.7 (±1.3)	1.1 (±0.5)	2.5 (±0.9)	3.2 (±1.4)	2.4 (±1.1)	2.0 (±1.0)	4.4 (±1.5)	3.4 (±1.8)	7.1 (±1.7)	7.1 (±2.9)
GRADE										
9	2.2 (±1.6)	1.2 (±1.0)	4.2 (±2.8)	5.4 (±2.7)	3.9 (±2.1)	3.3 (±1.5)	5.2 (±2.3)	6.8 (±2.4)	8.9 (±2.7)	6.9 (±3.9)
10	2.9 (±2.2)	3.1 (±1.6)	2.8 (±2.0)	6.3 (±2.3)	6.5 (±2.7)	6.3 (±2.7)	7.4 (±2.8)	11.4 (±3.5)	9.7 (±3.1)	12.5 (±5.1)
11	5.4 (±3.3)	2.1 (±1.4)	4.5 (±2.9)	5.8 (±2.5)	8.3 (±4.3)	8.0 (±4.2)	12.2 (±4.2)	7.6 (±3.3)	12.8 (±5.5)	14.7 (±4.8)
12	3.5 (±3.1)	3.0 (±2.3)	6.5 (±2.7)	8.5 (±3.8)	9.4 (±2.7)	11.7 (±3.3)	14.0 (±4.7)	14.4 (±5.4)	19.7 (±7.0)	21.3 (±5.3)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	18.1 (±4.0)	19.0 (±3.8)	19.7 (±2.5)	18.8 (±2.2)	20.2 (±4.4)	18.7 (±5.1)	22.1 (±2.6)	23.4 (±1.5)	23.1 (±2.6)	30.3 (±3.0)
SEX										
FEMALE	15.8 (±4.6)	13.9 (±3.3)	17.8 (±3.6)	15.6 (±3.0)	15.7 (±3.8)	16.9 (±5.5)	19.7 (±2.9)	20.6 (±2.0)	21.1 (±3.6)	27.1 (±4.6)
MALE	20.3 (±4.9)	24.3 (±5.3)	21.5 (±3.0)	22.2 (±3.1)	24.8 (±5.8)	20.1 (±5.5)	24.3 (±3.1)	26.0 (±1.9)	25.1 (±3.1)	33.9 (±4.0)
RACE										
WHITE	25.6 (±6.0)	27.9 (±4.5)	29.0 (±3.3)	27.6 (±3.7)	28.9 (±5.4)	25.9 (±4.7)	29.9 (±3.8)	31.0 (±2.3)	29.3 (±2.7)	43.8 (±4.2)
BLACK	11.2 (±3.1)	11.1 (±3.6)	11.1 (±2.1)	9.8 (±2.5)	10.1 (±6.0)	11.6 (±3.5)	14.1 (±2.8)	14.1 (±1.4)	16.7 (±4.0)	14.2 (±2.7)
GRADE										
9	10.8 (±3.6)	12.8 (±5.8)	14.7 (±4.2)	14.4 (±3.5)	17.7 (±7.4)	17.0 (±4.3)	19.8 (±4.3)	22.4 (±2.6)	20.0 (±4.4)	27.6 (±5.0)
10	20.8 (±6.4)	19.2 (±5.7)	20.0 (±4.7)	20.0 (±3.3)	19.0 (±6.1)	12.9 (±7.4)	22.9 (±4.3)	21.8 (±2.4)	19.7 (±2.7)	31.4 (±6.6)
11	19.6 (±5.9)	19.4 (±5.2)	22.0 (±4.1)	19.8 (±3.1)	15.5 (±7.5)	20.1 (±5.9)	22.7 (±4.6)	24.2 (±2.8)	27.1 (±5.9)	33.5 (±6.5)
12	22.6 (±9.3)	27.0 (±5.1)	23.9 (±6.3)	22.8 (±6.3)	29.9 (±8.2)	27.5 (±6.1)	24.6 (±6.4)	25.5 (±2.4)	26.6 (±5.8)	29.4 (±6.8)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



Mississippi Youth Tobacco Use {1998-2023} Current Cigarette Smoking - Public Middle School

APPENDIX {CIGARETTES}

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	1.7 (±0.9)	1.7 (±0.8)	2.1 (±0.9)	3.0 (±1.3)	2.5 (±0.9)	1.5 (±0.7)	3.8 (±1.0)	3.0 (±0.9)	4.7 (±1.5)	4.1 (±1.3)
SEX										
FEMALE	2.2 (±1.9)	1.3 (±1.0)	1.8 (±1.1)	2.1 (±1.3)	2.1 (±1.4)	1.1 (±0.6)	2.5 (±1.0)	2.5 (±1.2)	3.2 (±1.4)	3.4 (±1.6)
MALE	1.2 (±0.9)	2.0 (±1.0)	2.4 (±1.1)	3.8 (±2.0)	2.7 (±0.9)	1.8 (±1.0)	4.9 (±2.0)	3.5 (±1.1)	6.2 (±2.3)	4.6 (±1.5)
RACE										
WHITE	1.1 (±0.8)	1.8 (±1.2)	1.7 (±1.1)	3.1 (±1.9)	2.4 (±1.1)	2.2 (±1.3)	4.1 (±1.2)	4.1 (±1.4)	4.9 (±2.7)	4.9 (±1.8)
BLACK	2.2 (±1.4)	1.3 (±1.0)	2.6 (±1.6)	3.1 (±1.8)	1.9 (±1.0)	0.7 (±0.4)	3.3 (±1.7)	1.9 (±1.2)	4.4 (±2.0)	3.1 (±1.4)
GRADE										
6	1.1 (±0.9)	0.8 (±1.0)	2.0 (±1.7)	3.5 (±3.0)	1.9 (±1.2)	1.0 (±0.8)	2.6 (±2.0)	1.0 (±0.8)	2.2 (±2.0)	2.9 (±1.2)
7	1.6 (±1.5)	1.2 (±1.1)	1.9 (±1.3)	1.7 (±1.1)	2.7 (±1.4)	1.3 (±1.3)	4.1 (±1.9)	3.4 (±1.6)	3.9 (±2.0)	3.5 (±1.6)
8	2.4 (±1.5)	2.8 (±2.3)	2.4 (±0.8)	4.1 (±2.5)	3.0 (±2.2)	2.1 (±1.7)	4.5 (±1.8)	4.5 (±1.7)	8.0 (±3.6)	6.0 (±2.2)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	5.8 (±1.8)	5.8 (±1.8)	5.7 (±1.5)	7.2 (±1.7)	8.9 (±2.0)	8.4 (±1.6)	12.0 (±2.0)	11.0 (±1.2)	11.9 (±1.6)	20.6 (±3.1)
SEX										
FEMALE	5.0 (±2.0)	4.7 (±2.5)	4.4 (±1.8)	6.2 (±1.8)	6.9 (±2.8)	7.8 (±2.4)	11.0 (±2.5)	9.8 (±1.3)	11.5 (±2.0)	18.2 (±4.8)
MALE	6.6 (±2.4)	6.7 (±2.2)	6.8 (±1.9)	8.0 (±2.5)	11.0 (±2.3)	9.0 (±2.6)	12.8 (±2.8)	12.0 (±1.4)	12.1 (±1.8)	23.0 (±3.4)
RACE										
WHITE	7.7 (±2.7)	6.0 (±2.1)	6.2 (±2.0)	8.8 (±3.1)	11.2 (±3.0)	9.9 (±2.6)	13.5 (±3.4)	10.7 (±1.5)	13.3 (±2.0)	22.8 (±4.4)
BLACK	3.8 (±2.0)	5.1 (±2.5)	5.2 (±2.4)	5.6 (±2.0)	6.9 (±1.9)	7.0 (±2.3)	10.2 (±2.1)	10.8 (±1.4)	8.8 (±2.9)	17.6 (±4.0)
GRADE										
6	2.8 (±1.9)	2.4 (±1.2)	2.8 (±1.8)	3.6 (±2.0)	4.4 (±2.8)	4.0 (±2.1)	6.8 (±1.9)	7.1 (±1.3)	8.8 (±2.1)	11.9 (±4.7)
7	4.4 (±2.5)	5.6 (±2.1)	6.5 (±1.7)	6.7 (±2.7)	10.1 (±3.1)	7.2 (±2.2)	13.6 (±3.5)	10.8 (±1.8)	14.9 (±2.7)	21.8 (±7.7)
8	10.6 (±3.2)	8.0 (±3.9)	7.8 (±3.2)	11.1 (±3.6)	12.5 (±3.8)	13.5 (±2.6)	15.1 (±4.5)	14.9 (±1.8)	14.7 (±3.7)	25.8 (±5.3)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



Mississippi Youth Tobacco Use {1998-2023} Ever Tried a Cigarette - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	14.6 (±3.3)	17.2 (±2.6)	19.5 (±3.4)	22.5 (±3.2)	26.5 (±4.5)	32.9 (±4.0)	32.1 (±2.6)	35.8 (±5.0)	37.4 (±3.7)	39.8 (±5.3)
SEX										
FEMALE	14.6 (±5.4)	15.8 (±3.1)	19.2 (±3.7)	21.8 (±4.7)	23.9 (±4.7)	33.6 (±4.3)	30.4 (±4.4)	28.0 (±5.4)	33.4 (±3.7)	36.6 (±5.6)
MALE	14.3 (±2.7)	18.7 (±2.9)	18.7 (±4.5)	23.0 (±3.1)	29.4 (±5.6)	32.7 (±5.2)	33.6 (±2.9)	43.2 (±6.1)	41.0 (±4.9)	43.0 (±6.1)
RACE										
WHITE	20.4 (±4.8)	22.4 (±4.1)	27.3 (±5.4)	29.8 (±4.6)	36.2 (±4.5)	41.8 (±3.3)	41.1 (±4.5)	44.2 (±5.8)	43.0 (±4.5)	45.3 (±6.2)
BLACK	10.3 (±3.9)	12.5 (±3.1)	11.2 (±2.9)	14.5 (±4.0)	16.4 (±3.6)	24.0 (±4.5)	23.3 (±2.9)	26.7 (±5.6)	31.3 (±4.0)	34.7 (±5.9)
GRADE										
9	11.3 (±3.6)	12.4 (±3.8)	20.0 (±5.0)	18.9 (±3.9)	24.7 (±5.9)	23.8 (±3.3)	26.8 (±5.8)	26.1 (±6.5)	30.3 (±5.9)	27.2 (±7.9)
10	12.6 (±5.6)	18.2 (±5.3)	13.2 (±4.5)	19.3 (±3.7)	24.3 (±5.2)	31.9 (±7.1)	29.3 (±5.5)	37.3 (±5.8)	37.1 (±6.7)	42.3 (±6.4)
11	18.7 (±5.1)	19.3 (±5.0)	20.3 (±6.0)	23.6 (±7.9)	28.8 (±8.7)	34.4 (±7.1)	37.1 (±6.9)	38.6 (±7.4)	39.8 (±5.9)	44.0 (±9.9)
12	17.3 (±7.6)	19.4 (±5.0)	25.2 (±8.5)	29.2 (±10.0)	28.5 (±7.7)	43.4 (±5.0)	37.0 (±6.1)	44.0 (±12.2)	44.4 (±8.6)	48.3 (±8.4)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	46.7 (±3.2)	46.8 (±5.1)	51.2 (±3.2)	48.0 (±3.1)	54.0 (±4.5)	61.2 (±3.9)	59.4 (±2.5)	60.7 (±1.7)	61.5 (±2.5)	75.6 (±3.0)
SEX										
FEMALE	42.7 (±4.2)	41.8 (±5.4)	48.7 (±4.0)	43.5 (±4.1)	48.2 (±4.2)	61.0 (±6.9)	54.8 (±3.5)	57.4 (±2.6)	59.3 (±2.9)	72.6 (±3.7)
MALE	50.7 (±4.7)	52.4 (±6.4)	53.5 (±4.7)	53.1 (±3.6)	59.7 (±6.3)	61.2 (±4.2)	63.9 (±3.3)	64.2 (±1.8)	64.0 (±3.7)	78.7 (±3.3)
RACE										
WHITE	51.8 (±5.7)	55.5 (±5.7)	59.0 (±5.0)	53.2 (±5.0)	56.2 (±6.3)	67.1 (±8.6)	64.3 (±3.6)	63.1 (±2.1)	61.4 (±3.5)	79.4 (±3.3)
BLACK	41.6 (±4.6)	38.8 (±5.7)	44.0 (±4.0)	42.6 (±4.1)	50.9 (±7.4)	56.0 (±3.4)	54.2 (±4.2)	57.5 (±2.7)	61.1 (±3.8)	70.6 (±4.5)
GRADE										
9	35.2 (±5.8)	41.9 (±8.7)	42.9 (±5.4)	42.3 (±4.8)	51.0 (±9.3)	59.8 (±6.9)	56.3 (±4.8)	57.9 (±3.1)	54.5 (±4.9)	73.1 (±4.3)
10	50.5 (±7.5)	48.5 (±10.0)	49.9 (±5.3)	50.4 (±4.3)	52.1 (±6.8)	57.2 (±5.6)	58.7 (±5.4)	59.6 (±2.6)	62.4 (±3.7)	75.0 (±7.7)
11	49.1 (±5.6)	43.4 (±8.4)	56.6 (±6.8)	48.0 (±7.1)	48.9 (±8.3)	65.8 (±10.5)	58.4 (±6.8)	62.3 (±2.9)	65.0 (±5.2)	76.9 (±5.3)
12	54.4 (±10.9)	55.2 (±6.1)	58.7 (±5.9)	53.3 (±6.5)	66.7 (±7.1)	63.9 (±7.2)	67.1 (±4.9)	64.5 (±2.6)	66.5 (±4.1)	78.2 (±5.6)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Ever Tried a Cigarette - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	8.8 (±2.5)	9.1 (±3.3)	13.0 (±2.6)	13.4 (±3.5)	12.9 (±2.3)	12.7 (±2.7)	17.0 (±3.2)	15.0 (±2.5)	19.3 (±4.7)	16.8 (±3.3)
SEX										
FEMALE	8.8 (±3.1)	7.4 (±3.0)	12.2 (±2.9)	10.8 (±3.0)	11.6 (±2.3)	11.3 (±3.0)	13.3 (±2.6)	13.6 (±3.5)	15.0 (±4.0)	14.5 (±3.3)
MALE	9.2 (±5.0)	10.8 (±5.9)	13.9 (±3.1)	15.9 (±4.5)	14.2 (±2.8)	14.0 (±3.4)	20.9 (±5.0)	16.4 (±2.9)	23.7 (±6.8)	19.0 (±3.8)
RACE										
WHITE	10.2 (±5.0)	12.1 (±4.4)	14.0 (±3.0)	15.4 (±4.4)	13.7 (±3.6)	11.8 (±4.0)	17.2 (±4.1)	16.2 (±3.0)	17.3 (±5.0)	18.0 (±4.3)
BLACK	7.5 (±2.6)	5.6 (±2.3)	11.7 (±3.7)	12.3 (±4.4)	11.9 (±2.4)	13.0 (±3.7)	16.5 (±4.2)	13.8 (±4.8)	21.8 (±7.7)	15.1 (±3.7)
GRADE										
6	4.9 (±3.6)	6.6 (±2.9)	10.9 (±3.6)	10.5 (±4.9)	9.9 (±2.8)	7.1 (±3.2)	15.2 (±4.9)	8.0 (±3.0)	13.5 (±6.2)	11.6 (±3.9)
7	11.3 (±3.3)	8.9 (±2.4)	12.6 (±3.6)	11.2 (±3.3)	13.1 (±5.5)	11.8 (±3.9)	14.7 (±3.7)	14.2 (±2.6)	20.5 (±9.7)	14.8 (±3.2)
8	10.3 (±4.0)	11.6 (±6.9)	15.8 (±3.6)	19.2 (±6.1)	15.8 (±4.3)	19.5 (±4.1)	21.0 (±4.5)	22.1 (±4.7)	24.1 (±6.1)	24.1 (±5.2)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	20.8 (±4.5)	23.3 (±4.7)	23.9 (±3.3)	25.9 (±3.5)	34.8 (±4.8)	33.3 (±5.1)	38.9 (±3.9)	36.3 (±2.5)	40.9 (±3.5)	54.3 (±4.1)
SEX										
FEMALE	17.9 (±4.0)	21.6 (±4.8)	21.7 (±4.3)	23.8 (±4.5)	29.9 (±5.6)	32.3 (±6.2)	36.4 (±3.9)	33.6 (±2.7)	38.5 (±4.6)	51.2 (±5.3)
MALE	23.7 (±5.8)	24.8 (±5.3)	26.1 (±3.5)	27.9 (±3.8)	39.4 (±4.8)	34.4 (±6.1)	41.5 (±5.0)	39.0 (±2.9)	43.5 (±3.2)	57.3 (±4.3)
RACE										
WHITE	25.2 (±5.5)	22.2 (±6.5)	25.4 (±4.6)	24.4 (±5.3)	31.9 (±6.0)	30.4 (±6.5)	36.2 (±5.8)	33.3 (±3.0)	39.4 (±3.6)	52.0 (±6.6)
BLACK	16.5 (±5.0)	24.3 (±5.2)	22.3 (±4.5)	26.7 (±4.4)	37.0 (±5.0)	36.2 (±6.2)	41.5 (±2.9)	39.3 (±2.7)	41.8 (±5.8)	56.3 (±7.1)
GRADE										
6	12.0 (±5.1)	13.1 (±6.3)	14.9 (±5.2)	18.2 (±4.0)	22.5 (±6.7)	19.3 (±4.7)	29.1 (±5.5)	25.5 (±3.1)	32.8 (±4.9)	41.8 (±4.9)
7	20.8 (±5.2)	23.0 (±4.4)	23.8 (±5.1)	24.9 (±6.1)	36.6 (±5.6)	36.3 (±6.9)	41.5 (±5.3)	37.0 (±3.5)	46.9 (±5.1)	55.0 (±7.1)
8	30.2 (±7.4)	32.0 (±9.2)	33.1 (±6.4)	34.3 (±5.4)	45.5 (±6.8)	43.2 (±7.3)	45.9 (±5.1)	46.8 (±2.6)	50.7 (±4.5)	64.0 (±5.6)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Frequent Cigarette Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	0.7 (±0.5)	0.2 (±0.1)	1.0 (±0.5)	1.4 (±0.7)	1.9 (±0.8)	1.7 (±0.7)	2.7 (±1.0)	2.9 (±1.2)	4.2 (±1.8)	4.3 (±1.4)
SEX										
FEMALE	0.7 (±0.8)	0.1 (±0.3)	0.4 (±0.4)	0.8 (±0.7)	1.3 (±0.7)	1.8 (±0.9)	2.9 (±1.6)	1.8 (±1.2)	3.8 (±2.1)	4.5 (±1.7)
MALE	0.6 (±0.5)	0.3 (±0.4)	1.5 (±0.8)	2.0 (±1.2)	2.4 (±1.4)	1.8 (±0.9)	2.4 (±1.1)	4.1 (±1.7)	4.5 (±2.0)	4.1 (±1.5)
RACE										
WHITE	0.4 (±0.5)	0.1 (±0.2)	1.8 (±1.1)	1.5 (±1.1)	3.0 (±1.5)	2.6 (±1.0)	4.8 (±2.0)	4.4 (±2.0)	7.0 (±3.5)	7.5 (±1.7)
BLACK	0.8 (±0.9)	0.3 (±0.3)	0.3 (±0.3)	0.8 (±0.7)	0.6 (±0.6)	0.8 (±0.6)	0.8 (±0.6)	1.0 (±0.8)	1.3 (±0.8)	1.3 (±1.0)
GRADE										
9	0.3 (±0.4)	0.1 (±0.2)	0.7 (±0.6)	0.8 (±0.9)	1.4 (±1.0)	1.0 (±1.0)	0.9 (±0.7)	1.4 (±1.0)	2.9 (±2.1)	1.5 (±1.7)
10	0.6 (±0.7)	0.2 (±0.3)	1.5 (±1.3)	1.1 (±1.0)	1.1 (±1.2)	1.3 (±1.0)	1.4 (±1.0)	3.3 (±2.3)	2.8 (±1.5)	4.4 (±2.1)
11	1.5 (±1.6)	0.4 (±0.8)	0.5 (±0.8)	1.7 (±1.2)	2.4 (±1.7)	1.1 (±1.0)	2.8 (±2.1)	2.4 (±1.9)	4.6 (±2.3)	4.7 (±2.6)
12	0.6 (±1.0)	0.1 (±0.3)	1.3 (±1.2)	2.0 (±1.8)	2.7 (±1.5)	3.4 (±1.6)	6.1 (±2.7)	4.9 (±2.7)	7.3 (±5.2)	7.4 (±3.1)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	6.8 (±2.2)	6.5 (±1.8)	7.0 (±1.6)	7.8 (±1.9)	7.8 (±2.6)	7.6 (±1.9)	9.4 (±1.7)	10.1 (±1.0)	9.0 (±1.6)	14.3 (±3.0)
SEX										
FEMALE	6.2 (±2.8)	4.5 (±1.8)	6.6 (±1.9)	7.4 (±2.5)	6.9 (±2.8)	5.5 (±2.9)	7.7 (±2.1)	9.1 (±1.2)	7.8 (±1.9)	11.6 (±2.3)
MALE	7.3 (±2.6)	8.6 (±2.4)	7.6 (±1.8)	8.2 (±2.5)	9.0 (±3.3)	9.8 (±2.2)	11.1 (±2.5)	11.0 (±1.4)	10.4 (±2.5)	17.3 (±3.3)
RACE										
WHITE	10.9 (±4.3)	11.0 (±2.8)	11.8 (±2.8)	12.9 (±2.8)	13.2 (±4.4)	10.9 (±3.7)	13.9 (±2.8)	14.9 (±1.7)	13.9 (±2.2)	23.2 (±4.5)
BLACK	3.2 (±1.1)	2.4 (±1.3)	2.5 (±1.2)	2.5 (±1.5)	2.4 (±1.8)	4.3 (±2.2)	4.7 (±1.5)	4.1 (±0.8)	4.4 (±1.7)	3.4 (±2.2)
GRADE										
9	2.7 (±1.5)	3.4 (±1.9)	4.7 (±2.6)	5.4 (±2.1)	5.4 (±2.7)	7.1 (±2.1)	7.8 (±2.1)	7.5 (±1.5)	7.7 (±2.7)	8.3 (±2.7)
10	7.1 (±3.5)	4.9 (±2.8)	6.2 (±2.5)	7.6 (±3.1)	6.2 (±3.3)	5.5 (±4.5)	9.5 (±2.8)	8.6 (±1.3)	7.8 (±1.9)	16.7 (±5.0)
11	6.3 (±3.2)	6.2 (±2.7)	7.5 (±3.1)	8.2 (±3.6)	6.6 (±5.1)	7.0 (±2.7)	9.5 (±2.9)	11.2 (±1.9)	7.9 (±3.3)	17.9 (±5.6)
12	12.5 (±7.3)	12.9 (±4.0)	10.9 (±5.0)	11.3 (±3.5)	14.9 (±4.5)	12.2 (±3.4)	12.2 (±4.3)	14.5 (±2.1)	12.8 (±3.8)	16.1 (±5.4)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



Mississippi Youth Tobacco Use {1998-2023} Frequent Cigarette Smoking - Public Middle School

APPENDIX {CIGARETTES}

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	0.2 (±0.3)	0.2 (±0.2)	0.3 (±0.1)	0.4 (±0.3)	0.2 (±0.2)	0.3 (±0.3)	0.4 (±0.3)	0.3 (±0.2)	0.6 (±0.5)	0.7 (±0.4)
SEX										
FEMALE	0.1 (±0.3)	0.0 (±0.0)	0.1 (±0.2)	0.2 (±0.3)	0.2 (±0.2)	0.2 (±0.2)	0.2 (±0.3)	0.1 (±0.2)	0.4 (±0.5)	0.4 (±0.4)
MALE	0.3 (±0.4)	0.4 (±0.4)	0.5 (±0.3)	0.5 (±0.5)	0.2 (±0.2)	0.5 (±0.5)	0.7 (±0.6)	0.5 (±0.5)	0.8 (±0.8)	1.0 (±0.7)
RACE										
WHITE	0.4 (±0.5)	0.0 (±0.0)	0.4 (±0.4)	0.5 (±0.5)	0.4 (±0.3)	0.6 (±0.6)	0.6 (±0.6)	0.6 (±0.4)	1.1 (±1.0)	1.2 (±0.9)
BLACK	0.1 (±0.2)	0.1 (±0.2)	0.3 (±0.4)	0.3 (±0.3)	0.1 (±0.2)	0.0 (±0.0)	0.2 (±0.3)	0.0 (±0.0)	0.0 (±0.0)	0.2 (±0.4)
GRADE										
6	0.0 (±0.0)	0.2 (±0.3)	0.2 (±0.4)	0.4 (±0.5)	0.1 (±0.2)	0.0 (±0.0)	0.4 (±0.5)	0.0 (±0.0)	0.0 (±0.0)	0.5 (±0.7)
7	0.3 (±0.6)	0.0 (±0.0)	0.1 (±0.3)	0.2 (±0.2)	0.4 (±0.4)	0.4 (±0.6)	0.2 (±0.4)	0.4 (±0.3)	0.6 (±0.7)	0.5 (±0.6)
8	0.3 (±0.5)	0.4 (±0.6)	0.5 (±0.6)	0.6 (±0.7)	0.2 (±0.3)	0.5 (±0.6)	0.7 (±0.8)	0.6 (±0.6)	1.2 (±0.9)	1.1 (±1.1)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	0.7 (±0.4)	1.3 (±0.8)	0.9 (±0.4)	1.9 (±0.8)	1.5 (±0.7)	1.9 (±0.9)	3.0 (±0.7)	2.3 (±0.4)	2.7 (±0.9)	5.2 (±2.2)
SEX										
FEMALE	1.0 (±0.7)	0.4 (±0.4)	0.4 (±0.3)	1.8 (±0.8)	0.6 (±0.5)	1.9 (±1.0)	2.6 (±1.2)	1.6 (±0.5)	2.2 (±0.8)	3.6 (±2.7)
MALE	0.3 (±0.4)	2.0 (±1.6)	1.4 (±0.8)	2.0 (±1.2)	2.4 (±1.1)	1.9 (±1.2)	3.2 (±0.8)	2.9 (±0.6)	3.2 (±1.2)	6.8 (±3.1)
RACE										
WHITE	1.0 (±0.8)	1.3 (±0.8)	1.3 (±0.8)	3.2 (±1.7)	2.1 (±1.2)	3.5 (±1.4)	4.1 (±1.6)	2.8 (±0.7)	3.8 (±1.6)	6.4 (±3.5)
BLACK	0.1 (±0.2)	1.0 (±1.3)	0.3 (±0.4)	0.7 (±0.8)	0.8 (±0.6)	0.3 (±0.4)	1.8 (±0.5)	1.6 (±0.5)	1.4 (±0.8)	2.6 (±1.8)
GRADE										
6	0.4 (±0.7)	0.8 (±0.8)	0.6 (±0.6)	0.7 (±0.6)	0.6 (±0.6)	0.7 (±0.7)	1.1 (±0.9)	1.3 (±0.4)	1.3 (±0.8)	1.2 (±0.6)
7	0.4 (±0.4)	1.3 (±0.7)	0.7 (±0.6)	2.1 (±1.1)	1.2 (±0.8)	1.2 (±0.8)	3.0 (±1.2)	1.8 (±0.4)	3.4 (±1.0)	5.1 (±3.2)
8	1.3 (±0.9)	0.8 (±0.5)	1.4 (±1.0)	3.0 (±1.6)	2.7 (±1.6)	3.5 (±1.9)	4.7 (±2.0)	3.8 (±1.0)	5.2 (±2.2)	7.1 (±3.1)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



Mississippi Youth Tobacco Use {1998-2023} Current Smokeless Tobacco Use - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	2.5 (±1.1)	2.0 (±0.7)	2.7 (±1.0)	4.2 (±1.0)	5.4 (±1.6)	6.6 (±1.5)	7.1 (±1.7)	7.7 (±2.2)	8.0 (±1.8)	8.0 (±2.1)
SEX										
FEMALE	1.0 (±1.0)	0.6 (±0.6)	0.8 (±0.4)	0.8 (±0.7)	1.3 (±0.7)	3.1 (±1.7)	1.6 (±1.0)	1.5 (±1.1)	2.0 (±1.1)	2.4 (±1.3)
MALE	3.4 (±1.8)	3.4 (±1.3)	4.6 (±1.9)	7.8 (±1.6)	9.6 (±3.1)	10.2 (±2.6)	12.5 (±2.8)	13.9 (±3.7)	13.9 (±3.3)	13.6 (±3.3)
RACE										
WHITE	3.2 (±1.7)	2.9 (±1.5)	4.7 (±1.6)	6.4 (±1.6)	8.6 (±2.5)	10.1 (±1.8)	12.6 (±2.5)	13.5 (±2.8)	13.3 (±2.6)	14.5 (±3.1)
BLACK	1.3 (±1.0)	1.1 (±0.9)	1.1 (±0.7)	1.7 (±0.7)	2.0 (±1.5)	3.1 (±1.7)	1.7 (±1.0)	1.7 (±1.6)	2.7 (±1.1)	2.2 (±1.3)
GRADE										
9	1.6 (±1.7)	2.4 (±1.3)	2.2 (±1.2)	4.2 (±2.3)	3.8 (±1.8)	5.5 (±1.7)	6.2 (±1.5)	6.4 (±2.4)	6.0 (±2.5)	7.9 (±3.9)
10	2.0 (±1.5)	2.3 (±1.6)	2.5 (±1.6)	3.4 (±1.6)	5.3 (±2.4)	6.4 (±2.1)	5.7 (±2.4)	9.4 (±4.5)	5.9 (±3.4)	8.6 (±3.4)
11	4.3 (±2.7)	0.3 (±0.6)	2.9 (±2.1)	3.8 (±1.8)	6.2 (±3.3)	5.7 (±3.7)	8.3 (±3.3)	4.6 (±3.1)	10.5 (±3.0)	6.5 (±3.5)
12	1.9 (±1.6)	2.9 (±2.4)	3.3 (±2.6)	5.7 (±3.2)	6.2 (±2.3)	8.9 (±3.1)	8.2 (±4.1)	10.1 (±5.8)	10.6 (±5.6)	8.9 (±3.8)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	9.6 (±2.9)	9.9 (±2.3)	9.6 (±2.9)	9.8 (±2.3)	13.8 (±3.5)	9.7 (±2.3)	11.8 (±2.3)	10.4 (±1.3)	9.6 (±1.7)	9.4 (±2.8)
SEX										
FEMALE	1.7 (±0.8)	2.0 (±1.0)	2.7 (±1.3)	3.4 (±1.4)	7.8 (±3.5)	5.3 (±2.7)	4.5 (±1.2)	2.8 (±0.8)	4.2 (±1.5)	1.3 (±1.7)
MALE	17.6 (±5.3)	18.0 (±4.6)	16.6 (±5.2)	16.7 (±4.0)	20.1 (±4.8)	13.9 (±6.7)	18.4 (±4.3)	18.2 (±2.3)	15.1 (±2.9)	18.1 (±4.3)
RACE										
WHITE	16.8 (±3.4)	17.3 (±3.5)	15.9 (±5.0)	16.7 (±3.3)	19.1 (±4.1)	13.8 (±4.0)	17.3 (±2.9)	15.1 (±2.0)	14.5 (±1.6)	16.0 (±4.0)
BLACK	3.0 (±1.3)	3.2 (±1.2)	3.8 (±1.2)	2.9 (±1.6)	7.8 (±5.8)	5.4 (±1.9)	5.9 (±1.6)	4.6 (±1.1)	4.4 (±1.5)	1.5 (±1.5)
GRADE										
9	7.0 (±2.4)	9.6 (±4.0)	8.1 (±3.0)	10.0 (±3.8)	12.5 (±4.4)	8.8 (±8.0)	10.8 (±3.3)	10.0 (±1.5)	8.4 (±2.3)	9.1 (±3.5)
10	13.3 (±6.6)	7.8 (±2.6)	10.4 (±3.7)	11.4 (±3.3)	13.3 (±5.3)	14.4 (±4.0)	12.0 (±2.7)	11.9 (±2.0)	9.0 (±2.5)	11.7 (±4.5)
11	6.4 (±2.3)	10.8 (±4.8)	12.0 (±4.7)	7.4 (±2.8)	12.4 (±7.5)	5.9 (±3.2)	11.7 (±4.3)	10.0 (±2.2)	12.5 (±3.0)	6.8 (±5.1)
12	12.1 (±7.6)	12.0 (±3.0)	8.1 (±4.6)	9.9 (±3.4)	16.6 (±5.5)	8.9 (±3.7)	13.0 (±5.2)	9.8 (±1.9)	8.5 (±3.1)	8.6 (±2.8)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Current Smokeless Tobacco Use - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	2.7 (±1.0)	1.3 (±0.5)	1.9 (±0.9)	2.5 (±1.0)	1.8 (±0.7)	3.0 (±1.7)	4.0 (±1.4)	3.6 (±1.1)	4.5 (±1.8)	4.4 (±1.8)
SEX										
FEMALE	1.2 (±0.9)	1.0 (±0.7)	1.3 (±0.9)	1.6 (±1.2)	0.6 (±0.5)	1.5 (±0.9)	1.4 (±1.1)	1.1 (±0.7)	1.3 (±0.9)	1.0 (±0.8)
MALE	4.3 (±2.2)	1.7 (±0.8)	2.7 (±1.2)	3.3 (±1.6)	3.1 (±1.0)	4.6 (±2.7)	6.4 (±2.6)	5.9 (±2.1)	7.7 (±3.3)	7.8 (±3.1)
RACE										
WHITE	2.9 (±1.8)	1.9 (±1.1)	3.5 (±1.8)	4.1 (±1.8)	2.7 (±1.1)	4.9 (±2.6)	6.1 (±2.2)	5.4 (±1.6)	6.2 (±3.4)	8.3 (±3.1)
BLACK	2.2 (±1.4)	0.6 (±0.6)	0.7 (±0.7)	1.1 (±1.0)	0.8 (±0.5)	1.4 (±1.1)	1.8 (±1.4)	1.7 (±1.0)	3.0 (±1.7)	0.8 (±0.8)
GRADE										
6	1.7 (±0.9)	0.6 (±0.5)	2.1 (±1.8)	2.1 (±1.8)	1.7 (±1.0)	1.4 (±1.0)	2.8 (±1.8)	1.9 (±1.2)	2.6 (±2.3)	3.0 (±1.7)
7	4.7 (±2.1)	1.7 (±1.1)	1.7 (±1.0)	2.1 (±1.2)	1.5 (±1.0)	2.3 (±2.1)	3.4 (±2.0)	3.9 (±1.4)	5.7 (±3.4)	3.6 (±2.3)
8	1.7 (±1.6)	1.6 (±1.2)	2.1 (±1.3)	3.4 (±2.1)	2.3 (±1.6)	5.5 (±3.0)	5.6 (±2.2)	4.7 (±2.4)	5.4 (±3.2)	6.8 (±3.4)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	9.6 (±2.9)	5.5 (±1.5)	6.4 (±2.1)	5.3 (±1.9)	7.2 (±1.6)	7.7 (±2.2)	8.2 (±1.3)	6.4 (±1.0)	8.7 (±1.0)	9.6 (±2.1)
SEX										
FEMALE	1.7 (±0.8)	1.8 (±0.8)	2.5 (±1.4)	1.9 (±1.3)	1.6 (±0.7)	4.1 (±1.5)	5.1 (±1.0)	2.8 (±0.5)	4.6 (±0.9)	4.2 (±1.8)
MALE	17.6 (±5.3)	9.0 (±3.0)	10.2 (±3.3)	8.6 (±3.0)	12.3 (±2.7)	11.1 (±3.7)	11.6 (±2.4)	9.8 (±1.9)	12.6 (±2.1)	14.8 (±3.9)
RACE										
WHITE	16.8 (±3.4)	8.7 (±2.7)	10.8 (±2.5)	9.3 (±3.0)	10.4 (±2.1)	12.1 (±2.8)	10.6 (±2.8)	8.3 (±1.9)	11.2 (±2.1)	12.7 (±3.1)
BLACK	3.0 (±1.3)	2.0 (±0.8)	2.4 (±1.4)	1.6 (±0.9)	3.9 (±1.7)	3.7 (±1.9)	6.0 (±1.0)	3.8 (±0.6)	4.7 (±1.2)	4.8 (±1.9)
GRADE										
6	7.0 (±2.4)	3.9 (±2.7)	5.3 (±4.1)	4.1 (±2.6)	4.7 (±2.4)	5.3 (±2.2)	5.7 (±1.4)	5.4 (±1.0)	8.7 (±1.9)	6.5 (±2.5)
7	13.3 (±6.6)	5.7 (±2.5)	7.2 (±2.7)	4.6 (±2.2)	7.5 (±3.0)	6.3 (±2.9)	8.2 (±1.9)	5.8 (±1.0)	7.6 (±1.6)	8.7 (±3.8)
8	6.4 (±2.3)	6.7 (±2.8)	6.8 (±2.5)	7.3 (±4.2)	9.5 (±3.3)	10.8 (±3.4)	10.8 (±3.4)	7.8 (±2.0)	11.0 (±3.0)	12.0 (±4.2)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Ever Tried Smokeless Tobacco - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	7.9 (±2.3)	5.7 (±1.3)	7.7 (±2.6)	9.9 (±2.1)	12.9 (±2.7)	15.0 (±3.2)	14.2 (±2.5)	16.2 (±4.0)	16.0 (±3.0)	15.8 (±3.8)
SEX										
FEMALE	4.4 (±1.4)	2.3 (±1.2)	2.2 (±1.2)	3.8 (±1.7)	5.3 (±1.4)	9.1 (±2.8)	5.9 (±2.5)	5.1 (±2.3)	6.7 (±1.9)	6.4 (±2.0)
MALE	11.1 (±3.8)	9.1 (±2.0)	13.0 (±4.7)	16.0 (±3.3)	20.8 (±4.4)	21.2 (±5.5)	22.3 (±3.4)	27.7 (±5.6)	25.5 (±5.0)	25.3 (±5.5)
RACE										
WHITE	12.3 (±3.4)	9.6 (±2.8)	13.1 (±4.0)	15.1 (±3.0)	21.8 (±3.6)	22.2 (±2.6)	22.7 (±3.7)	28.1 (±4.5)	27.5 (±3.4)	27.8 (±5.3)
BLACK	4.0 (±2.0)	2.0 (±1.0)	2.8 (±1.1)	4.1 (±1.2)	4.6 (±1.6)	7.8 (±2.8)	6.1 (±2.0)	4.6 (±2.2)	5.3 (±1.6)	5.1 (±2.2)
GRADE										
9	7.3 (±3.7)	4.4 (±1.6)	7.2 (±2.9)	8.0 (±3.4)	9.1 (±3.0)	11.3 (±2.6)	12.1 (±2.4)	13.7 (±4.6)	12.3 (±4.3)	14.4 (±6.7)
10	7.3 (±3.6)	6.4 (±2.9)	6.0 (±3.5)	10.4 (±3.2)	12.5 (±4.5)	14.7 (±3.2)	14.1 (±4.0)	18.4 (±5.3)	15.5 (±5.4)	16.3 (±6.3)
11	8.7 (±4.2)	5.7 (±3.0)	7.9 (±3.7)	9.5 (±3.4)	17.8 (±5.4)	15.4 (±6.8)	13.6 (±3.7)	13.3 (±6.4)	18.6 (±5.8)	14.6 (±5.4)
12	8.1 (±2.8)	6.9 (±3.4)	10.1 (±5.5)	12.0 (±5.6)	12.7 (±3.7)	19.5 (±5.8)	17.0 (±6.9)	19.7 (±8.5)	18.9 (±5.5)	18.4 (±5.5)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	17.8 (±3.8)	19.5 (±4.1)	20.2 (±3.6)	18.6 (±3.9)	22.8 (±3.3)	19.1 (±4.9)	22.6 (±3.1)	22.2 (±1.7)	20.7 (±2.6)	26.2 (±4.2)
SEX										
FEMALE	6.6 (±1.6)	7.5 (±1.9)	8.4 (±2.7)	9.5 (±2.8)	12.6 (±2.5)	7.8 (±4.1)	9.5 (±2.0)	10.0 (±1.1)	10.2 (±1.5)	11.4 (±3.7)
MALE	29.3 (±6.2)	32.0 (±7.5)	32.3 (±5.8)	28.3 (±6.0)	34.0 (±6.1)	30.7 (±7.0)	35.3 (±5.2)	35.3 (±3.1)	32.4 (±5.2)	42.2 (±6.0)
RACE										
WHITE	29.4 (±3.8)	33.1 (±5.1)	33.5 (±4.3)	30.7 (±4.2)	32.1 (±4.4)	31.5 (±4.2)	32.8 (±3.4)	31.1 (±2.1)	30.7 (±3.1)	38.5 (±5.8)
BLACK	7.0 (±1.9)	7.4 (±2.5)	8.3 (±2.5)	6.6 (±2.6)	13.1 (±3.6)	7.3 (±4.9)	12.0 (±2.2)	12.0 (±1.5)	11.0 (±1.8)	11.6 (±2.9)
GRADE										
9	13.9 (±3.9)	18.7 (±6.0)	15.2 (±4.9)	17.8 (±5.1)	23.3 (±6.5)	20.7 (±5.3)	20.4 (±4.0)	21.5 (±2.1)	19.4 (±4.1)	25.7 (±5.4)
10	21.8 (±7.9)	16.7 (±6.1)	22.7 (±5.3)	18.9 (±5.4)	25.3 (±7.2)	19.3 (±9.6)	21.3 (±3.5)	22.4 (±2.0)	21.8 (±4.0)	27.0 (±6.9)
11	16.8 (±4.7)	20.7 (±7.5)	20.9 (±4.6)	17.6 (±5.4)	18.4 (±6.7)	17.8 (±5.8)	24.8 (±6.3)	23.0 (±3.1)	20.7 (±3.9)	25.4 (±7.6)
12	19.3 (±8.2)	23.1 (±5.5)	23.4 (±9.1)	20.3 (±6.3)	23.2 (±5.2)	18.1 (±5.4)	25.1 (±5.7)	21.8 (±3.2)	21.2 (±4.6)	25.8 (±5.4)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Ever Tried Smokeless Tobacco - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	5.2 (±1.4)	4.9 (±2.4)	7.2 (±2.5)	7.2 (±2.4)	6.0 (±1.8)	8.4 (±2.5)	7.9 (±2.1)	8.6 (±2.3)	8.8 (±2.4)	9.5 (±2.8)
SEX										
FEMALE	3.4 (±1.8)	3.1 (±1.5)	4.7 (±2.5)	4.3 (±2.2)	3.8 (±1.6)	5.2 (±2.5)	3.5 (±1.4)	4.9 (±1.7)	4.1 (±1.7)	4.3 (±2.0)
MALE	7.1 (±2.6)	6.5 (±3.7)	9.8 (±3.4)	10.1 (±3.7)	8.2 (±2.7)	11.4 (±2.9)	12.1 (±3.8)	12.1 (±3.8)	13.5 (±4.3)	14.4 (±4.1)
RACE										
WHITE	6.8 (±1.8)	8.8 (±3.0)	12.9 (±4.0)	11.9 (±3.9)	9.7 (±2.4)	11.8 (±4.0)	12.8 (±3.3)	14.8 (±2.7)	12.6 (±4.2)	15.9 (±4.2)
BLACK	3.2 (±1.9)	1.3 (±0.6)	2.8 (±1.4)	3.3 (±2.0)	2.2 (±1.2)	5.0 (±2.2)	2.9 (±1.1)	2.4 (±1.4)	5.2 (±2.1)	3.6 (±1.7)
GRADE										
6	3.1 (±1.6)	4.2 (±2.4)	7.0 (±3.1)	5.2 (±3.3)	5.1 (±2.3)	4.7 (±2.3)	5.0 (±2.9)	4.9 (±2.5)	5.9 (±4.0)	8.8 (±3.8)
7	6.3 (±2.5)	4.0 (±1.4)	7.5 (±3.5)	6.1 (±2.6)	4.2 (±1.9)	8.0 (±4.1)	7.4 (±2.6)	9.6 (±2.7)	9.5 (±4.1)	6.9 (±3.4)
8	5.9 (±3.0)	6.4 (±4.9)	7.2 (±3.2)	10.8 (±4.5)	8.7 (±3.9)	12.6 (±4.6)	11.1 (±3.8)	11.0 (±4.8)	11.1 (±4.5)	12.8 (±4.4)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	11.4 (±3.6)	11.4 (±2.4)	11.1 (±3.3)	11.8 (±2.8)	14.4 (±1.7)	15.5 (±3.8)	14.7 (±2.7)	14.1 (±1.7)	17.8 (±1.4)	18.1 (±3.1)
SEX										
FEMALE	5.5 (±2.2)	5.9 (±1.6)	5.1 (±2.4)	6.3 (±1.9)	6.9 (±1.4)	9.2 (±2.9)	9.6 (±2.2)	8.1 (±0.9)	9.6 (±1.6)	7.2 (±2.0)
MALE	17.0 (±5.5)	16.6 (±4.3)	16.8 (±4.9)	17.1 (±4.6)	21.6 (±3.3)	21.3 (±5.9)	20.2 (±3.7)	20.0 (±3.0)	26.2 (±2.8)	28.5 (±5.5)
RACE										
WHITE	21.3 (±4.8)	17.5 (±4.1)	18.4 (±3.7)	19.3 (±4.0)	20.4 (±2.5)	23.9 (±3.9)	19.7 (±4.3)	17.8 (±3.2)	21.8 (±2.8)	24.0 (±3.1)
BLACK	2.4 (±1.2)	5.6 (±2.1)	4.2 (±2.1)	4.9 (±1.8)	8.6 (±2.3)	7.9 (±3.0)	10.0 (±2.1)	10.1 (±0.9)	12.4 (±2.0)	10.5 (±3.2)
GRADE										
6	8.1 (±5.9)	9.4 (±4.3)	8.2 (±4.2)	8.0 (±3.8)	10.2 (±2.9)	12.1 (±3.3)	10.4 (±2.8)	12.1 (±1.8)	17.3 (±3.1)	12.9 (±4.9)
7	10.3 (±5.5)	10.9 (±3.6)	12.8 (±4.5)	11.6 (±3.7)	14.5 (±3.5)	12.6 (±5.3)	14.4 (±3.6)	13.4 (±2.2)	17.3 (±2.6)	19.0 (±5.5)
8	15.8 (±4.6)	13.4 (±5.0)	12.1 (±5.0)	15.9 (±5.6)	18.9 (±2.6)	21.2 (±6.1)	19.3 (±4.1)	16.8 (±3.0)	20.2 (±4.5)	20.7 (±5.3)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Frequent Smokeless Tobacco Use - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	0.7 (±0.4)	0.2 (±0.2)	0.9 (±0.5)	1.3 (±0.7)	1.8 (±0.8)	2.8 (±1.0)	3.4 (±1.0)	3.6 (±1.2)	3.7 (±1.5)	3.5 (±1.2)
SEX										
FEMALE	0.0 (±0.0)	0.2 (±0.4)	0.0 (±0.0)	0.1 (±0.2)	0.5 (±0.5)	1.2 (±0.8)	0.1 (±0.2)	0.2 (±0.3)	0.2 (±0.2)	0.2 (±0.3)
MALE	1.2 (±0.7)	0.2 (±0.3)	1.9 (±1.0)	2.5 (±1.4)	3.1 (±1.6)	4.6 (±1.8)	6.5 (±1.9)	6.9 (±2.3)	7.2 (±3.0)	6.9 (±2.5)
RACE										
WHITE	0.7 (±0.7)	0.2 (±0.3)	1.5 (±0.7)	1.2 (±0.9)	3.0 (±1.5)	4.2 (±1.1)	6.5 (±2.1)	6.6 (±1.6)	6.9 (±2.4)	6.8 (±2.4)
BLACK	0.1 (±0.3)	0.0 (±0.0)	0.5 (±0.6)	0.9 (±0.7)	0.6 (±0.5)	1.2 (±1.1)	0.4 (±0.5)	0.4 (±0.5)	0.5 (±0.5)	0.5 (±0.5)
GRADE										
9	0.3 (±0.4)	0.1 (±0.1)	0.3 (±0.6)	1.4 (±1.2)	1.5 (±1.0)	2.0 (±1.5)	2.3 (±1.2)	2.5 (±1.8)	1.3 (±1.0)	3.3 (±2.7)
10	0.5 (±0.6)	0.4 (±0.5)	1.0 (±1.0)	0.4 (±0.7)	1.2 (±0.8)	2.8 (±1.8)	2.9 (±1.7)	3.4 (±2.3)	1.8 (±1.4)	3.8 (±1.8)
11	1.3 (±1.4)	0.0 (±0.0)	0.7 (±0.8)	1.4 (±1.1)	1.9 (±1.8)	1.7 (±1.5)	3.8 (±1.8)	2.3 (±1.8)	5.3 (±2.8)	2.9 (±1.6)
12	0.3 (±0.6)	0.5 (±0.9)	1.9 (±1.8)	2.1 (±1.7)	2.6 (±1.7)	4.8 (±1.8)	4.9 (±2.3)	6.2 (±3.8)	7.6 (±5.1)	4.1 (±2.5)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	5.1 (±2.6)	4.6 (±1.6)	4.5 (±2.3)	4.3 (±1.5)	4.7 (±1.5)	2.8 (±1.4)	4.2 (±1.3)	3.9 (±0.7)	3.3 (±1.0)	3.7 (±1.8)
SEX										
FEMALE	0.3 (±0.4)	0.3 (±0.6)	0.5 (±0.5)	0.5 (±0.4)	1.2 (±0.8)	0.3 (±0.3)	0.5 (±0.3)	0.5 (±0.3)	0.9 (±0.5)	0.4 (±0.5)
MALE	9.9 (±5.0)	9.0 (±3.0)	8.6 (±4.4)	8.4 (±3.1)	8.6 (±2.9)	5.5 (±2.9)	7.6 (±2.7)	7.4 (±1.2)	6.1 (±1.8)	7.3 (±3.3)
RACE										
WHITE	9.3 (±3.7)	8.9 (±2.6)	8.0 (±3.8)	7.7 (±2.6)	7.8 (±2.6)	5.3 (±1.9)	7.3 (±2.3)	6.6 (±1.1)	6.3 (±1.5)	6.4 (±3.1)
BLACK	1.3 (±1.0)	0.8 (±0.8)	1.4 (±0.7)	0.8 (±1.0)	1.8 (±1.7)	0.2 (±0.4)	1.1 (±0.7)	0.8 (±0.4)	0.6 (±0.5)	0.2 (±1.0)
GRADE										
9	2.0 (±1.1)	3.4 (±2.3)	3.3 (±2.2)	3.8 (±2.1)	4.4 (±2.0)	2.1 (±2.2)	2.9 (±1.8)	2.9 (±0.8)	2.7 (±1.1)	2.2 (±1.6)
10	8.1 (±5.7)	3.8 (±2.2)	3.3 (±2.5)	4.9 (±2.2)	4.5 (±3.2)	2.7 (±2.0)	3.0 (±1.5)	4.4 (±1.0)	3.2 (±1.5)	5.5 (±4.5)
11	3.7 (±1.9)	6.1 (±3.3)	5.9 (±3.8)	4.3 (±2.2)	4.4 (±4.0)	2.2 (±2.0)	5.7 (±2.8)	4.3 (±1.4)	4.2 (±1.9)	3.7 (±3.1)
12	7.0 (±7.5)	5.7 (±2.5)	6.1 (±4.2)	4.0 (±2.5)	5.8 (±3.0)	4.7 (±2.5)	6.4 (±2.6)	4.4 (±1.4)	3.4 (±1.8)	3.5 (±2.3)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Frequent Smokeless Tobacco Use - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	0.4 (±0.4)	0.1 (±0.1)	0.3 (±0.3)	0.4 (±0.4)	0.3 (±0.3)	0.8 (±0.7)	0.9 (±0.4)	0.9 (±0.5)	1.0 (±0.9)	1.5 (±1.0)
SEX										
FEMALE	0.1 (±0.3)	0.0 (±0.0)	0.1 (±0.2)	0.0 (±0.0)	0.1 (±0.3)	0.3 (±0.4)	0.3 (±0.3)	0.1 (±0.1)	0.0 (±0.0)	0.0 (±0.0)
MALE	0.6 (±0.7)	0.1 (±0.2)	0.6 (±0.5)	0.7 (±0.7)	0.5 (±0.5)	1.3 (±1.3)	1.3 (±0.7)	1.8 (±0.9)	2.0 (±1.7)	3.0 (±2.0)
RACE										
WHITE	0.4 (±0.5)	0.1 (±0.2)	0.6 (±0.5)	0.6 (±0.7)	0.4 (±0.4)	1.6 (±1.4)	1.4 (±0.7)	1.9 (±1.0)	1.9 (±1.9)	3.1 (±2.0)
BLACK	0.5 (±0.5)	0.0 (±0.0)	0.2 (±0.3)	0.1 (±0.2)	0.1 (±0.2)	0.0 (±0.0)	0.1 (±0.2)	0.0 (±0.0)	0.1 (±0.3)	0.1 (±0.2)
GRADE										
6	0.2 (±0.4)	0.0 (±0.0)	0.2 (±0.4)	0.0 (±0.0)	0.3 (±0.4)	0.2 (±0.3)	0.2 (±0.3)	0.1 (±0.1)	0.2 (±0.4)	0.6 (±0.9)
7	0.3 (±0.6)	0.0 (±0.0)	0.0 (±0.0)	0.5 (±0.5)	0.2 (±0.4)	1.3 (±1.4)	1.3 (±0.9)	1.1 (±0.9)	0.8 (±0.7)	0.8 (±0.8)
8	0.6 (±0.9)	0.2 (±0.3)	0.8 (±0.8)	0.7 (±0.9)	0.5 (±0.6)	0.9 (±1.0)	1.0 (±0.7)	1.6 (±1.2)	2.1 (±2.2)	3.2 (±2.3)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	0.8 (±0.5)	1.5 (±0.8)	1.1 (±0.4)	1.0 (±0.8)	1.7 (±0.8)	2.2 (±1.2)	1.3 (±0.5)	1.2 (±0.5)	2.1 (±0.6)	2.2 (±1.1)
SEX										
FEMALE	0.2 (±0.2)	0.3 (±0.4)	0.1 (±0.2)	0.2 (±0.3)	0.6 (±0.4)	0.3 (±0.3)	0.3 (±0.2)	0.4 (±0.2)	0.8 (±0.5)	0.9 (±0.9)
MALE	1.4 (±0.9)	2.6 (±1.6)	2.1 (±0.8)	1.8 (±1.5)	2.8 (±1.5)	4.1 (±2.2)	2.3 (±1.0)	2.1 (±0.8)	3.3 (±1.0)	3.5 (±2.1)
RACE										
WHITE	1.6 (±0.9)	2.3 (±1.7)	1.9 (±0.9)	2.0 (±1.6)	2.8 (±1.4)	4.2 (±2.0)	1.7 (±1.0)	1.8 (±0.7)	2.5 (±0.9)	2.4 (±2.2)
BLACK	0.1 (±0.2)	0.3 (±0.3)	0.5 (±0.5)	0.1 (±0.2)	0.4 (±0.1)	0.5 (±0.6)	0.9 (±0.6)	0.5 (±0.2)	1.4 (±0.8)	1.0 (±1.1)
GRADE										
6	0.0 (±0.0)	0.9 (±0.9)	0.3 (±0.5)	0.1 (±0.2)	1.0 (±0.8)	1.6 (±1.3)	0.3 (±0.4)	0.8 (±0.4)	1.0 (±0.6)	0.5 (±0.4)
7	0.4 (±0.5)	1.7 (±1.3)	1.2 (±0.9)	1.0 (±0.8)	1.5 (±1.0)	1.2 (±1.0)	1.7 (±1.0)	1.2 (±0.5)	2.1 (±0.8)	1.7 (±1.5)
8	2.0 (±1.1)	1.6 (±1.4)	1.9 (±1.0)	2.0 (±2.1)	2.6 (±1.7)	3.7 (±2.7)	1.7 (±1.1)	1.7 (±1.1)	3.7 (±1.2)	3.0 (±1.8)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Current Cigar Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	5.2 (±1.4)	6.3 (±1.7)	6.4 (±1.1)	10.9 (±1.8)	10.3 (±2.1)	8.4 (±1.7)	9.2 (±1.9)	8.7 (±1.4)	10.3 (±1.9)	10.9 (±1.9)
SEX										
FEMALE	5.5 (±1.7)	5.6 (±2.0)	5.8 (±1.8)	9.3 (±2.9)	10.1 (±2.9)	7.5 (±2.6)	7.3 (±2.1)	5.5 (±1.8)	7.6 (±2.6)	8.0 (±2.2)
MALE	4.7 (±2.0)	7.0 (±1.7)	7.1 (±1.4)	12.6 (±2.6)	10.6 (±2.4)	9.3 (±2.3)	11.2 (±2.4)	12.2 (±2.2)	12.6 (±2.5)	13.8 (±3.3)
RACE										
WHITE	5.6 (±2.3)	3.2 (±1.5)	4.9 (±1.4)	8.4 (±2.6)	8.5 (±2.8)	9.4 (±2.2)	10.0 (±2.3)	10.0 (±2.1)	9.5 (±2.0)	12.3 (±2.5)
BLACK	4.6 (±1.4)	9.1 (±2.0)	8.2 (±1.8)	13.3 (±2.8)	11.6 (±2.7)	6.8 (±2.0)	8.5 (±2.4)	6.7 (±2.1)	11.0 (±3.2)	10.0 (±2.5)
GRADE										
9	3.3 (±1.6)	4.1 (±2.1)	5.5 (±2.2)	9.1 (±4.1)	9.7 (±2.8)	5.7 (±2.0)	7.2 (±2.5)	6.3 (±2.5)	7.4 (±2.7)	6.4 (±2.7)
10	5.9 (±3.0)	5.7 (±2.3)	5.5 (±2.6)	8.9 (±3.3)	10.4 (±3.5)	6.9 (±1.8)	9.6 (±3.5)	10.1 (±3.7)	10.7 (±4.6)	9.5 (±3.0)
11	7.5 (±3.0)	7.8 (±3.4)	6.8 (±3.0)	10.7 (±3.6)	9.9 (±4.5)	8.1 (±3.9)	9.3 (±3.2)	8.1 (±2.6)	10.7 (±3.3)	14.7 (±5.2)
12	4.0 (±1.9)	8.6 (±4.4)	8.2 (±2.8)	15.6 (±5.3)	11.3 (±3.4)	13.3 (±3.3)	11.0 (±4.5)	10.9 (±4.1)	13.0 (±3.7)	14.5 (±4.3)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	11.9 (±2.0)	14.2 (±2.3)	13.8 (±2.0)	13.8 (±2.2)	16.3 (±3.7)	13.6 (±4.0)	18.0 (±1.8)	17.8 (±1.2)	N/A	22.3 (±3.9)
SEX										
FEMALE	9.3 (±2.4)	8.7 (±1.9)	11.0 (±2.0)	9.3 (±2.9)	11.3 (±3.9)	8.5 (±4.5)	13.4 (±2.4)	12.9 (±1.3)	N/A	13.8 (±3.3)
MALE	14.4 (±3.6)	19.8 (±3.1)	16.9 (±3.2)	18.3 (±3.1)	21.3 (±4.6)	18.9 (±4.5)	22.1 (±2.4)	22.7 (±1.8)	N/A	31.1 (±5.4)
RACE										
WHITE	10.7 (±2.7)	15.1 (±2.7)	15.5 (±2.7)	14.9 (±3.0)	16.0 (±4.3)	14.4 (±4.5)	20.7 (±3.1)	18.7 (±1.9)	N/A	23.5 (±4.4)
BLACK	12.5 (±2.8)	13.2 (±3.4)	12.0 (±2.1)	12.4 (±3.7)	15.2 (±5.6)	12.6 (±3.8)	15.0 (±2.6)	15.6 (±1.6)	N/A	20.1 (±5.1)
GRADE										
9	9.1 (±3.0)	10.3 (±4.7)	10.8 (±2.6)	11.0 (±3.8)	13.7 (±4.0)	11.4 (±3.1)	17.2 (±3.8)	17.4 (±1.6)	N/A	18.9 (±5.6)
10	14.0 (±5.2)	15.9 (±4.4)	13.6 (±3.0)	15.2 (±3.2)	15.3 (±4.9)	12.0 (±7.4)	17.5 (±4.2)	16.8 (±1.8)	N/A	24.7 (±8.5)
11	10.9 (±3.2)	14.4 (±5.1)	16.5 (±4.2)	12.8 (±4.2)	13.2 (±10.1)	16.3 (±4.7)	19.1 (±3.7)	19.2 (±2.9)	N/A	23.8 (±5.4)
12	14.1 (±6.5)	17.0 (±5.8)	15.4 (±3.9)	17.1 (±4.0)	23.1 (±5.6)	16.2 (±4.3)	19.0 (±4.3)	17.9 (±1.9)	N/A	22.0 (±6.1)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Current Cigar Smoking - Public Middle School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	2.8 (±1.4)	1.9 (±0.9)	3.2 (±1.7)	4.1 (±1.5)	4.0 (±1.3)	2.9 (±1.1)	3.5 (±1.1)	2.9 (±0.9)	5.4 (±2.3)	4.2 (±1.3)
SEX										
FEMALE	2.6 (±1.9)	2.1 (±1.5)	3.3 (±1.7)	2.8 (±1.6)	4.2 (±1.7)	2.4 (±1.4)	2.0 (±1.2)	2.6 (±1.5)	2.6 (±1.3)	2.4 (±1.3)
MALE	3.1 (±1.5)	1.8 (±0.8)	3.1 (±2.1)	5.2 (±2.0)	3.7 (±1.9)	3.5 (±1.4)	5.0 (±1.8)	3.2 (±0.9)	8.1 (±4.1)	5.9 (±1.6)
RACE										
WHITE	1.7 (±1.3)	0.5 (±0.6)	2.5 (±1.7)	3.4 (±2.1)	2.4 (±1.2)	3.1 (±1.3)	2.6 (±1.7)	2.2 (±1.1)	3.4 (±2.0)	2.6 (±0.9)
BLACK	3.7 (±2.5)	2.8 (±1.5)	4.1 (±2.4)	4.9 (±2.0)	5.0 (±2.0)	2.5 (±1.2)	4.0 (±1.7)	3.6 (±1.6)	7.7 (±3.5)	5.5 (±1.6)
GRADE										
6	1.4 (±1.2)	1.1 (±1.1)	2.7 (±2.6)	3.0 (±2.1)	3.4 (±1.7)	1.0 (±1.0)	3.4 (±2.5)	0.9 (±0.7)	3.5 (±3.9)	3.4 (±1.8)
7	4.6 (±3.9)	2.1 (±1.6)	3.1 (±2.0)	3.3 (±2.0)	3.0 (±1.7)	2.7 (±1.6)	2.9 (±1.5)	4.9 (±2.1)	4.1 (±3.8)	4.5 (±1.3)
8	2.3 (±1.5)	2.3 (±1.6)	3.9 (±2.2)	6.4 (±3.3)	5.6 (±2.5)	5.0 (±2.2)	4.3 (±2.5)	2.9 (±1.3)	8.7 (±3.5)	4.6 (±2.5)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	4.2 (±1.5)	4.8 (±1.4)	5.5 (±1.3)	6.3 (±1.4)	9.3 (±2.2)	6.1 (±1.7)	10.6 (±1.8)	9.0 (±1.1)	N/A	16.4 (±3.5)
SEX										
FEMALE	2.7 (±1.0)	3.5 (±1.3)	4.2 (±1.5)	4.4 (±1.5)	6.6 (±2.2)	4.0 (±1.5)	8.5 (±1.5)	6.9 (±1.1)	N/A	12.3 (±4.5)
MALE	5.5 (±2.3)	6.1 (±1.9)	6.6 (±1.9)	8.1 (±2.3)	11.8 (±3.0)	8.3 (±2.7)	12.7 (±2.8)	10.9 (±1.2)	N/A	20.4 (±3.9)
RACE										
WHITE	3.8 (±1.6)	3.6 (±1.9)	4.5 (±1.4)	5.6 (±2.6)	6.5 (±2.0)	4.7 (±2.2)	9.0 (±1.8)	6.5 (±1.0)	N/A	12.3 (±2.3)
BLACK	4.6 (±2.5)	5.9 (±2.0)	6.3 (±2.1)	6.6 (±1.8)	11.4 (±3.5)	7.4 (±2.2)	12.1 (±2.8)	11.1 (±1.3)	N/A	19.9 (±5.4)
GRADE										
6	3.0 (±2.5)	4.3 (±1.7)	3.0 (±1.3)	3.4 (±1.8)	5.1 (±4.0)	4.4 (±1.7)	7.6 (±1.5)	6.1 (±1.1)	N/A	7.9 (±2.1)
7	2.9 (±1.7)	4.9 (±2.6)	5.5 (±2.3)	5.9 (±2.5)	10.9 (±4.0)	4.9 (±3.1)	13.0 (±3.7)	8.8 (±1.6)	N/A	17.1 (±8.3)
8	6.9 (±2.6)	4.9 (±2.2)	7.9 (±2.1)	9.7 (±2.8)	12.1 (±2.9)	8.8 (±3.1)	11.2 (±4.0)	12.0 (±1.5)	N/A	21.2 (±3.9)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Ever Tried a Cigar - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	12.0 (±1.9)	17.1 (±2.4)	17.3 (±2.6)	23.8 (±2.8)	27.4 (±2.8)	20.0 (±2.6)	22.8 (±2.4)	22.0 (±3.1)	24.8 (±2.9)	25.0 (±3.8)
SEX										
FEMALE	11.5 (±3.0)	15.1 (±3.3)	16.8 (±3.5)	23.0 (±4.7)	24.2 (±4.0)	18.2 (±3.7)	19.0 (±3.4)	15.6 (±2.8)	18.6 (±2.9)	20.2 (±4.5)
MALE	12.1 (±3.0)	19.0 (±2.7)	16.8 (±2.8)	24.8 (±3.6)	30.8 (±3.7)	21.7 (±4.1)	26.4 (±3.2)	28.2 (±4.6)	30.5 (±4.4)	29.7 (±4.9)
RACE										
WHITE	12.1 (±2.4)	12.6 (±3.0)	15.8 (±4.6)	21.4 (±4.5)	27.2 (±3.4)	22.3 (±3.0)	25.8 (±3.1)	26.2 (±4.6)	27.5 (±3.9)	28.3 (±4.9)
BLACK	12.1 (±2.8)	21.5 (±2.5)	19.2 (±2.1)	26.4 (±3.7)	27.5 (±3.5)	17.1 (±3.5)	20.6 (±3.3)	17.3 (±3.2)	22.4 (±4.2)	22.2 (±5.0)
GRADE										
9	9.2 (±2.6)	12.9 (±4.2)	16.8 (±4.8)	19.3 (±4.7)	23.9 (±4.7)	14.7 (±2.3)	17.8 (±4.6)	15.1 (±4.9)	17.2 (±4.5)	15.8 (±4.6)
10	11.7 (±4.4)	16.1 (±2.7)	13.1 (±3.9)	19.4 (±5.3)	26.5 (±4.4)	18.2 (±3.3)	22.8 (±4.7)	26.7 (±4.8)	24.7 (±6.4)	24.2 (±5.1)
11	16.0 (±3.3)	19.5 (±3.5)	19.4 (±4.6)	23.7 (±3.7)	29.8 (±5.9)	18.7 (±6.4)	26.0 (±4.6)	22.0 (±6.8)	27.8 (±5.3)	28.4 (±7.5)
12	11.5 (±2.6)	21.4 (±5.9)	20.2 (±5.9)	34.4 (±6.5)	30.2 (±4.2)	28.8 (±4.3)	26.0 (±6.0)	25.5 (±6.5)	31.8 (±5.8)	34.4 (±7.5)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	29.5 (±3.3)	28.7 (±3.7)	29.1 (±3.6)	29.8 (±2.8)	32.5 (±3.6)	37.7 (±3.0)	39.2 (±2.7)	39.4 (±1.3)	N/A	53.0 (±3.0)
SEX										
FEMALE	25.2 (±4.1)	20.7 (±3.7)	24.9 (±4.4)	23.2 (±3.2)	25.4 (±4.9)	30.8 (±3.7)	31.5 (±3.3)	31.9 (±1.8)	N/A	43.2 (±3.6)
MALE	34.0 (±5.3)	36.9 (±4.5)	33.3 (±5.0)	36.6 (±4.3)	40.2 (±5.4)	44.9 (±4.4)	46.7 (±4.1)	47.4 (±1.8)	N/A	63.5 (±3.5)
RACE										
WHITE	30.9 (±5.6)	32.8 (±4.6)	34.0 (±5.0)	33.1 (±4.2)	35.7 (±4.0)	38.9 (±3.6)	41.4 (±3.8)	42.4 (±2.2)	N/A	54.4 (±4.7)
BLACK	28.1 (±4.0)	24.8 (±5.1)	24.6 (±4.0)	26.2 (±4.3)	28.5 (±5.2)	36.8 (±5.3)	36.9 (±3.8)	35.6 (±1.8)	N/A	51.1 (±4.9)
GRADE										
9	19.4 (±5.9)	24.2 (±5.2)	21.5 (±3.5)	24.8 (±4.4)	29.3 (±6.7)	39.0 (±3.3)	35.3 (±5.2)	36.7 (±2.3)	N/A	50.0 (±6.3)
10	34.5 (±5.3)	25.7 (±4.5)	29.4 (±5.3)	31.0 (±5.2)	34.3 (±4.8)	36.6 (±9.8)	39.2 (±4.5)	36.7 (±1.9)	N/A	49.9 (±6.9)
11	29.9 (±5.1)	30.6 (±7.8)	32.6 (±6.5)	28.4 (±5.1)	26.5 (±7.9)	30.7 (±9.6)	39.3 (±4.6)	41.9 (±3.3)	N/A	57.5 (±4.8)
12	36.5 (±7.3)	36.5 (±7.6)	35.3 (±5.6)	37.3 (±5.5)	40.7 (±4.8)	45.8 (±4.8)	45.7 (±4.7)	43.7 (±2.4)	N/A	56.9 (±6.6)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Ever Tried a Cigar - Public Middle School

APPENDIX {CIGARS}

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	6.7 (±2.9)	6.8 (±2.1)	8.7 (±2.3)	10.7 (±3.0)	10.9 (±2.5)	6.8 (±1.8)	9.5 (±2.0)	8.6 (±1.8)	9.8 (±3.2)	9.3 (±2.1)
SEX										
FEMALE	6.2 (±2.9)	6.0 (±3.1)	8.2 (±2.5)	8.9 (±3.7)	10.8 (±2.6)	6.4 (±2.1)	6.2 (±1.9)	7.0 (±2.5)	4.9 (±1.6)	6.5 (±2.1)
MALE	7.6 (±3.4)	7.2 (±2.2)	9.4 (±3.1)	12.4 (±3.0)	11.2 (±3.5)	7.1 (±1.9)	12.7 (±3.6)	10.1 (±1.9)	14.5 (±5.2)	12.1 (±2.5)
RACE										
WHITE	5.9 (±2.9)	5.8 (±1.8)	7.5 (±2.6)	8.1 (±3.6)	7.5 (±2.7)	6.2 (±2.3)	8.7 (±2.8)	7.3 (±1.8)	7.3 (±2.7)	7.5 (±2.4)
BLACK	7.4 (±3.8)	7.6 (±3.4)	9.8 (±3.0)	13.5 (±4.4)	13.9 (±3.9)	6.9 (±2.6)	9.9 (±2.3)	10.0 (±3.0)	12.2 (±4.6)	10.9 (±2.8)
GRADE										
6	3.5 (±3.0)	4.3 (±2.8)	7.3 (±3.3)	7.3 (±4.4)	7.5 (±2.6)	3.0 (±1.4)	8.6 (±3.0)	5.0 (±2.3)	6.2 (±4.3)	6.0 (±2.4)
7	9.1 (±4.6)	6.8 (±4.3)	8.8 (±3.2)	7.4 (±2.3)	9.0 (±5.1)	5.5 (±2.2)	6.6 (±2.4)	9.8 (±3.2)	10.0 (±7.4)	8.9 (±2.5)
8	7.7 (±4.0)	8.7 (±2.5)	10.4 (±2.9)	18.3 (±4.7)	16.4 (±3.6)	11.7 (±3.4)	13.1 (±4.2)	10.9 (±2.9)	13.3 (±4.8)	13.3 (±4.0)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	10.6 (±2.6)	11.1 (±2.8)	11.7 (±2.1)	14.3 (±2.5)	19.8 (±2.5)	18.6 (±2.7)	22.2 (±2.5)	20.4 (±1.7)	N/A	32.5 (±4.1)
SEX										
FEMALE	8.1 (±2.4)	9.3 (±3.1)	9.1 (±2.6)	10.4 (±2.0)	14.9 (±2.6)	14.3 (±2.8)	17.9 (±2.1)	15.6 (±1.8)	N/A	24.2 (±5.6)
MALE	13.0 (±3.9)	13.0 (±3.1)	14.0 (±3.2)	18.2 (±3.8)	24.5 (±3.1)	22.9 (±4.0)	26.6 (±3.7)	25.0 (±1.8)	N/A	40.7 (±3.9)
RACE										
WHITE	12.4 (±2.6)	9.4 (±4.3)	10.2 (±2.7)	14.1 (±3.9)	14.9 (±2.7)	17.0 (±3.5)	19.6 (±3.0)	17.5 (±1.8)	N/A	29.2 (±3.6)
BLACK	9.4 (±4.0)	13.0 (±3.2)	12.9 (±3.1)	14.1 (±3.0)	24.1 (±3.2)	20.4 (±3.5)	24.8 (±3.2)	22.7 (±2.0)	N/A	35.6 (±6.4)
GRADE										
6	6.0 (±3.7)	8.3 (±4.1)	6.4 (±2.4)	7.4 (±2.7)	11.9 (±3.3)	14.7 (±3.4)	14.8 (±3.0)	14.1 (±1.7)	N/A	19.2 (±3.5)
7	10.9 (±4.0)	11.2 (±3.5)	10.9 (±3.5)	13.7 (±5.0)	20.4 (±3.8)	16.0 (±4.6)	23.9 (±4.3)	20.6 (±2.0)	N/A	35.5 (±8.7)
8	15.5 (±3.6)	13.6 (±4.2)	17.5 (±3.6)	21.9 (±4.2)	27.6 (±4.1)	25.3 (±3.5)	27.6 (±4.4)	26.5 (±2.4)	N/A	40.2 (±6.4)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



Mississippi Youth Tobacco Use {1998-2023} Frequent Cigar Smoking - Public High School

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	1.6 (±0.6)	1.2 (±0.7)	1.3 (±0.5)	2.2 (±0.7)	1.6 (±0.7)	1.2 (±0.5)	0.8 (±0.3)	0.5 (±0.4)	1.5 (±0.8)	1.8 (±0.8)
SEX										
FEMALE	1.7 (±0.6)	0.6 (±0.6)	0.7 (±0.5)	1.0 (±0.7)	1.2 (±0.9)	1.5 (±0.9)	0.3 (±0.3)	0.1 (±0.2)	0.8 (±0.8)	1.0 (±0.5)
MALE	1.6 (±1.2)	1.7 (±0.9)	1.9 (±1.0)	3.5 (±1.3)	2.0 (±1.0)	0.9 (±0.5)	1.3 (±0.7)	0.9 (±0.8)	2.2 (±1.3)	2.6 (±1.5)
RACE										
WHITE	1.1 (±1.2)	0.2 (±0.3)	1.6 (±0.8)	1.2 (±0.9)	1.3 (±0.8)	1.3 (±0.6)	0.5 (±0.5)	0.1 (±0.2)	0.7 (±0.7)	1.5 (±0.9)
BLACK	2.0 (±0.9)	2.2 (±1.2)	1.1 (±0.8)	2.6 (±0.9)	1.8 (±0.8)	0.8 (±0.6)	0.8 (±0.6)	0.9 (±0.9)	2.2 (±1.3)	2.1 (±1.0)
GRADE										
9	0.5 (±0.5)	0.3 (±0.4)	0.8 (±0.8)	2.2 (±1.7)	1.0 (±0.7)	0.7 (±0.7)	0.4 (±0.4)	0.2 (±0.3)	1.3 (±1.5)	0.0 (±0.0)
10	1.4 (±1.9)	2.0 (±1.7)	1.5 (±1.2)	1.1 (±0.8)	1.6 (±1.5)	0.9 (±0.6)	0.2 (±0.3)	0.2 (±0.4)	1.7 (±1.4)	2.0 (±1.7)
11	3.4 (±2.1)	1.9 (±1.3)	1.6 (±1.1)	2.8 (±1.4)	1.0 (±1.2)	1.0 (±1.2)	0.8 (±1.1)	0.9 (±1.2)	1.6 (±1.4)	2.5 (±1.6)
12	1.4 (±1.4)	0.9 (±1.9)	1.5 (±1.4)	2.9 (±2.3)	2.6 (±1.5)	2.4 (±1.3)	2.0 (±1.3)	0.7 (±1.0)	1.1 (±1.2)	3.1 (±1.4)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	2.1 (±0.9)	2.6 (±1.0)	2.2 (±0.8)	2.4 (±0.7)	2.7 (±1.5)	1.6 (±0.9)	2.7 (±0.6)	2.0 (±0.4)	N/A	1.4 (±0.9)
SEX										
FEMALE	0.9 (±0.8)	1.8 (±1.0)	1.3 (±0.9)	0.9 (±0.5)	2.4 (±1.6)	0.5 (±0.4)	1.1 (±0.5)	0.9 (±0.3)	N/A	0.2 (±1.0)
MALE	3.2 (±1.4)	3.3 (±1.8)	3.1 (±1.5)	4.0 (±1.3)	3.0 (±1.8)	2.7 (±1.6)	4.3 (±1.1)	3.1 (±0.8)	N/A	2.6 (±1.5)
RACE										
WHITE	1.3 (±0.9)	2.2 (±0.9)	2.0 (±1.2)	2.3 (±1.1)	1.5 (±1.0)	1.7 (±1.1)	2.6 (±0.8)	1.6 (±0.5)	N/A	1.5 (±1.1)
BLACK	2.8 (±1.3)	2.9 (±1.6)	2.2 (±0.9)	2.3 (±1.8)	3.7 (±2.6)	1.3 (±1.2)	2.8 (±1.3)	1.9 (±0.6)	N/A	0.9 (±1.2)
GRADE										
9	0.9 (±0.8)	1.7 (±1.5)	1.5 (±1.2)	1.7 (±1.2)	1.5 (±1.3)	0.6 (±0.8)	1.8 (±0.7)	1.9 (±0.6)	N/A	1.1 (±1.3)
10	3.2 (±2.0)	2.1 (±1.7)	0.6 (±0.7)	2.4 (±1.5)	3.1 (±2.2)	2.0 (±1.7)	2.8 (±1.2)	1.6 (±0.6)	N/A	1.8 (±1.2)
11	2.0 (±1.9)	1.7 (±1.2)	2.9 (±2.1)	4.3 (±1.9)	1.7 (±2.6)	1.8 (±1.6)	4.0 (±2.3)	2.5 (±1.1)	N/A	1.0 (±1.6)
12	2.3 (±2.4)	5.0 (±2.6)	4.1 (±1.9)	1.3 (±1.0)	4.6 (±3.1)	2.2 (±1.6)	2.9 (±1.1)	2.2 (±0.7)	N/A	1.4 (±1.5)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.

Mississippi Youth Tobacco Use {1998-2023} Frequent Cigar Smoking - Public Middle School

APPENDIX {CIGARS}

	2023	2022	2021	2019	2018	2017	2016	2015	2014	2013
TOTAL	0.5 (±0.3)	0.4 (±0.2)	0.6 (±0.6)	0.4 (±0.4)	0.1 (±0.1)	0.2 (±0.2)	0.5 (±0.3)	0.3 (±0.3)	0.3 (±0.2)	0.6 (±0.4)
SEX										
FEMALE	0.3 (±0.5)	0.3 (±0.4)	0.6 (±0.6)	0.1 (±0.1)	0.0 (±0.0)	0.0 (±0.0)	0.1 (±0.2)	0.1 (±0.1)	0.3 (±0.4)	0.1 (±0.2)
MALE	0.7 (±0.5)	0.5 (±0.1)	0.7 (±0.7)	0.8 (±0.8)	0.2 (±0.3)	0.3 (±0.3)	0.8 (±0.5)	0.6 (±0.5)	0.3 (±0.1)	1.0 (±0.7)
RACE										
WHITE	0.4 (±0.5)	0.0 (±0.0)	0.4 (±0.5)	0.5 (±0.5)	0.1 (±0.2)	0.3 (±0.3)	0.4 (±0.3)	0.5 (±0.5)	0.2 (±0.1)	0.5 (±0.5)
BLACK	0.6 (±0.7)	0.5 (±0.5)	0.8 (±0.9)	0.4 (±0.6)	0.1 (±0.2)	0.0 (±0.0)	0.4 (±0.5)	0.1 (±0.2)	0.3 (±0.4)	0.5 (±0.4)
GRADE										
6	0.0 (±0.0)	0.1 (±0.2)	0.6 (±0.9)	0.2 (±0.3)	0.3 (±0.4)	0.0 (±0.0)	0.4 (±0.5)	0.1 (±0.1)	0.2 (±0.3)	0.7 (±0.7)
7	0.5 (±0.2)	0.5 (±0.7)	0.3 (±0.4)	0.2 (±0.2)	0.0 (±0.0)	0.2 (±0.3)	0.3 (±0.4)	0.3 (±0.4)	0.2 (±0.3)	0.0 (±0.1)
8	0.9 (±0.9)	0.5 (±0.7)	1.0 (±0.9)	1.0 (±1.1)	0.0 (±0.0)	0.3 (±0.4)	0.7 (±0.8)	0.6 (±0.7)	0.5 (±0.6)	1.1 (±0.7)

	2012	2011	2010	2009	2008	2006	2004	2003	2002	1998
TOTAL	0.1 (±0.2)	0.6 (±0.3)	0.6 (±0.4)	1.2 (±0.6)	1.7 (±0.8)	0.9 (±0.6)	1.0 (±0.4)	0.9 (±0.3)	N/A	1.7 (±1.1)
SEX										
FEMALE	0.1 (±0.2)	0.1 (±0.3)	0.3 (±0.4)	0.6 (±0.6)	0.9 (±0.5)	0.3 (±0.3)	0.4 (±0.3)	0.5 (±0.3)	N/A	0.9 (±0.9)
MALE	0.1 (±0.3)	1.1 (±0.7)	0.8 (±0.7)	1.8 (±1.0)	2.5 (±1.5)	1.5 (±1.1)	1.6 (±0.8)	1.3 (±0.3)	N/A	2.4 (±1.7)
RACE										
WHITE	0.3 (±0.4)	0.2 (±0.4)	0.5 (±0.7)	1.0 (±0.6)	1.3 (±0.9)	0.8 (±0.8)	0.9 (±0.6)	0.8 (±0.3)	N/A	1.3 (±1.9)
BLACK	0.0 (±0.0)	1.0 (±0.6)	0.6 (±0.6)	1.3 (±1.0)	1.8 (±1.3)	0.9 (±0.7)	1.1 (±0.5)	0.8 (±0.4)	N/A	1.7 (±1.2)
GRADE										
6	0.0 (±0.0)	1.4 (±1.0)	0.7 (±0.7)	0.9 (±0.7)	1.1 (±0.7)	0.6 (±0.6)	0.4 (±0.5)	0.6 (±0.4)	N/A	0.2 (±0.9)
7	0.1 (±0.3)	0.3 (±0.4)	0.2 (±0.3)	2.0 (±1.2)	1.9 (±1.9)	0.6 (±0.8)	1.3 (±0.7)	0.7 (±0.3)	N/A	1.0 (±1.3)
8	0.2 (±0.5)	0.2 (±0.4)	0.8 (±1.0)	0.7 (±0.9)	2.0 (±1.3)	1.2 (±1.0)	1.2 (±0.6)	1.4 (±0.5)	N/A	1.9 (±1.6)

We removed the 1999 and 2000 data due to space restrictions. These data are available in the YTS booklets from previous years.



methods

BACKGROUND

The Centers for Disease Control and Prevention's (CDC) Office on Smoking and Health (OSH) provides technical assistance to the states to administer this survey. Mississippi has administered the Youth Tobacco Survey (YTS) in 1998, 1999, 2000, 2002, 2003, 2004, 2006, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2022, and 2023.

THE PURPOSE OF THE YTS is to provide states with the data needed to design, implement, and evaluate comprehensive tobacco control programs that work to prevent young people from beginning tobacco use and help those who have already started using tobacco to quit.

THE YTS COLLECTS DATA from students in grades 6 through 12.

YTS DATA provide information on many key intermediate and long-term tobacco-related indicators, allowing states to measure progress toward state goals and objectives.

SAMPLE DESIGN

A multi-stage sample design was applied with public middle and high schools selected proportional to enrollment size. Classrooms were chosen randomly within selected schools, and all students in selected classes were eligible for participation. Data were collected by means of an

anonymous and confidential self-administered questionnaire. The questionnaires were group-administered in classrooms during a normal class period by teachers following standardized procedures.

EDITING, WEIGHTING, AND INITIAL ANALYSIS OF DATA

The Research Triangle Institute and the CDC's Office of Smoking and Health provided technical assistance with the processing and weighting of the data. A weighting factor was applied to each student record to adjust for non-response at the school, class, and student levels. SUDAAN statistical software was used to calculate standard errors for estimates and 95 percent confidence intervals. Weight adjustments were made for the following:

$$\text{WEIGHT} = W1 * W2 * f1 * f2 * f3 * f4$$

W1 = inverse of the probability of selecting the school

W2 = inverse of the probability of selecting the classroom within the school

F1 = a school-level non-response adjustment factor calculated by school size (small, medium, large)

F2 = a class adjustment factor calculated by school

F3 = a student-level non-response adjustment factor calculated by class

F4 = a post stratification adjustment factor calculated by gender and grade

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