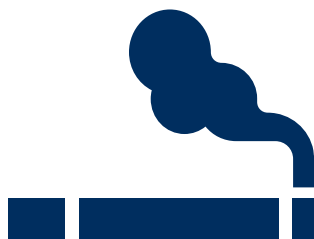




MISSISSIPPI STATE DEPARTMENT OF HEALTH

Tobacco Use, Tobacco Cessation, and E-Cigarette Use



**Analysis of 2022 Mississippi
Behavioral Risk Factor Surveillance System
(BRFSS) Data**

February 14, 2024

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Important Information

About BRFSS

- The Mississippi Behavioral Risk Factor Surveillance System (BRFSS) is conducted annually to monitor the prevalence of behaviors that contribute to the leading causes of morbidity and mortality among adults in our state.
- The 2022 Mississippi BRFSS was completed by 4,239 Mississippians aged 18 years or older.

About This Report

- The estimates in this report are weighted to represent the adult population of Mississippi.
- Some estimates in this report are based on a cell size (numerator) of less than 20. Use caution when interpreting and comparing these estimates. Cell sizes for each estimate are included in each topic’s respective data table.
- For BRFSS data, CDC recommends not interpreting percentages where the denominator is based upon fewer than 50 non-weighted respondents or the relative standard error (RSE) of the estimate is greater than 30%. In the tables of this report, results replaced with a dash (-) indicate a sample size of less than 50 or an RSE greater than 30%.
- The difference between two estimates is considered statistically significant (also stated as “significantly higher/lower” or “significant” in this report) if the 95% confidence intervals do not overlap.
- In this report, “Other Race” refers to adults who reported their race/ethnicity as anything other than White, Non-Hispanic (NH) or Black, NH.
- In the 2022 MS BRFSS, the numbers of responses for individual races and ethnicities contained in the “Other Race” demographic group (Table A, below) were too low to allow for meaningful estimates. To request additional race/ethnicity data, please submit a data request using [MSDH’s online form](#).

Table A. Races and Ethnicities Included in the “Other Races/Ethnicities” Demographic Group

Race/Ethnicity	TOTAL 2022 SURVEY SAMPLE		
	Unweighted Total	Weighted Total	Weighted Percent
American Indian or Alaskan Native, Non-Hispanic	26	36,684	1.66
Asian, Non-Hispanic	29	32,004	1.45
Any race, Hispanic	67	82,236	3.77
Multiracial, Non-Hispanic	24	22,608	1.03
Native Hawaiian or Pacific Islander, Non-Hispanic	1	1,131	0.05
Other race, Non-Hispanic	0	0	0.0
Total “Other Races/Ethnicities” Demographic Group	147	174,663	7.96

Survey Questions for Each Topic in This Report (2022 MS BRFSS Survey)

Current Cigarette Smoking

- Have you smoked at least 100 cigarettes in your entire life? *(Core Section 12: Tobacco Use)*
- Do you now smoke cigarettes every day, some days, or not at all? *(Core Section 12: Tobacco Use)*

Former Cigarette Smoking

- Have you smoked at least 100 cigarettes in your entire life? *(Core Section 12: Tobacco Use)*
- Do you now smoke cigarettes every day, some days, or not at all? *(Core Section 12: Tobacco Use)*

Current Smokeless Tobacco Use

- Do you currently use chewing tobacco, snuff, or snus every day, some days, or not at all? *(Core Section 12: Tobacco Use)*

Current E-Cigarette Use

- Would you say you have never used e-cigarettes or other electronic vaping products in your entire life or now use them every day, use them some days, or used them in the past but do not currently use them at all? *(Core Section 12: Tobacco Use)*

Tobacco Cessation in Past 12 Months Among Adults Who Have Ever Smoked

- How long has it been since you last smoked a cigarette, even one or two puffs? *(Module 18: Tobacco Cessation)*
- During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? *(Module 18: Tobacco Cessation)*

Tobacco Cessation in Past 12 Months Among Current Smokers

- During the past 12 months, have you stopped smoking for one day or longer because you were trying to quit smoking? *(Module 18: Tobacco Cessation)*

Length of Time Since Last Cigarette Smoked Among Former Cigarette Smokers

- How long has it been since you last smoked a cigarette, even one or two puffs? *(Module 18: Tobacco Cessation)*

Current Cigarette Smoking

In this report, a **current cigarette smoker** is defined as an adult who reported that they have ever smoked at least 100 cigarettes in their entire life and currently smokes every day or some days.

Overall

- Approximately 1 in 6 adults (17.4%) were current cigarette smokers.
- Approximately 1 in 7 current cigarette smokers (15.0%) also reported current e-cigarette use.

Sex (Figure 1.1)

- The percentage of current smoking was **significantly higher** among **men** (20.6%) compared to women (14.4%).

Race/Ethnicity (Figure 1.2)

- The percentage of current smoking was **highest** among adults of **other races/ethnicities** (21.7%), followed by White, NH (17.6%) and Black, NH (16.1%) adults. However, there were **no significant differences** in percentage of current smoking among the race/ethnicity groups.

Age (Figure 1.3)

- The percentage of current smoking was **significantly lower** among adults aged **18-24 years** (8.0%) compared to all older age groups except for adults aged 65+ years (13.1%).

Educational Attainment (Figure 1.4)

- The percentage of current smoking increased as education level decreased and was **significantly higher** among adults who **did not graduate high school** (36.4%) compared to adults of all higher education levels.

Annual Household Income (Figure 1.5)

- Overall, the percentage of current smoking increased as annual household income decreased and was **significantly higher** among adults whose household income was **less than \$15,000** (31.0%) **and \$15,000 to \$24,999** (31.3%) compared to adults who earned \$25,000 to \$34,999 (18.8%) and higher.

Trend (Figure 1.6)

- The percentage of current cigarette smoking **decreased significantly** from 23.0% in 2014 to 17.4% in 2022.

Figure 1.1. Percentage of Respondents Who Were Current Smokers by Sex



Figure 1.2. Percentage of Respondents Who Were Current Smokers by Race/Ethnicity

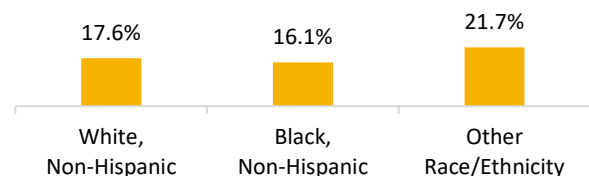


Figure 1.3. Percentage of Respondents Who Were Current Smokers by Age

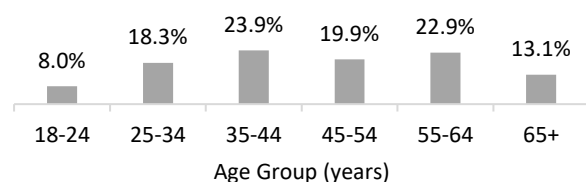


Figure 1.4. Percentage of Respondents Who Were Current Smokers by Education Level

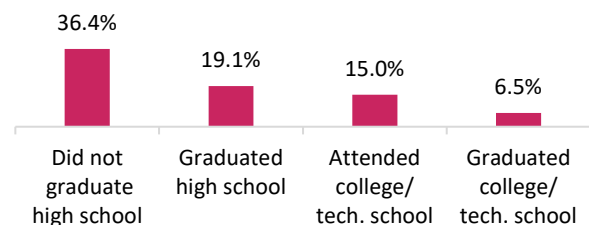


Figure 1.5. Percentage of Respondents Who Were Current Smokers by Annual Household Income

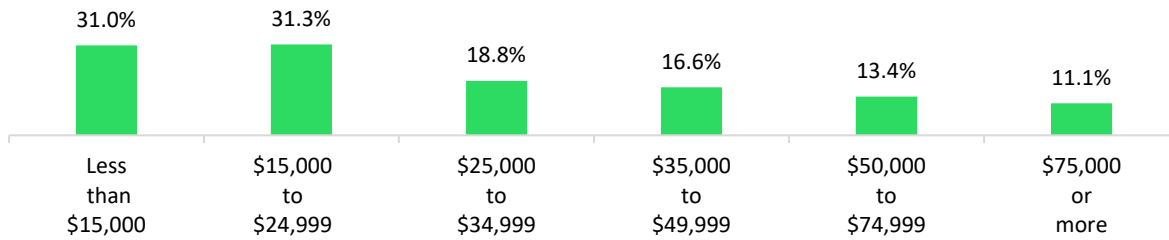


Figure 1.6. 2014-2022 Trend of Current Cigarette Smoking

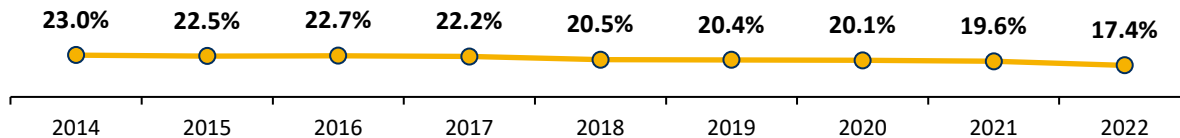


TABLE 1. Current Cigarette Smoking								
Has smoked at least 100 cigarettes in entire life and now smokes every day or some days								
DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	4,024	2,141,564	635	17.4	15.8-19.0	3,389	82.6	81.0-84.2
Male	1,790	1,027,579	316	20.6	18.1-23.1	1,474	79.4	76.9-81.9
Female	2,234	1,113,985	319	14.4	12.5-16.3	1,915	85.6	83.7-87.5
White, Non-Hispanic (NH)	2,372	1,214,853	376	17.6	15.6-19.7	1,996	82.4	80.3-84.4
Black, Non-Hispanic (NH)	1,429	716,781	219	16.1	13.6-18.6	1,210	83.9	81.4-86.4
Other Races/Ethnicities	137	156,006	24	21.7	12.9-30.6	113	78.3	69.4-87.1
18-24 years	409	282,587	25	8.0	4.1-11.9	384	92.0	88.1-95.9
25-34 years	536	352,673	85	18.3	14.0-22.5	451	81.7	77.5-86.0
35-44 years	596	331,331	133	23.9	19.6-28.3	463	76.1	71.7-80.4
45-54 years	652	304,471	124	19.9	16.2-23.6	528	80.1	76.4-83.8
55-64 years	732	347,469	139	22.9	18.2-27.7	593	77.1	72.3-81.8
65+ years	1,056	494,749	128	13.1	10.4-15.8	928	86.9	84.2-89.6
Less than H.S.	364	300,883	133	36.4	30.0-42.9	231	63.6	57.1-70.0
H.S. or G.E.D.	1,034	643,513	201	19.1	16.1-22.0	833	80.9	78.0-83.9
Some Post-H.S.	1,262	738,379	196	15.0	12.6-17.3	1,066	85.0	82.7-87.4
College Graduate	1,352	452,124	104	6.5	5.0-8.0	1,248	93.5	92.0-95.0
Less than \$15,000	286	160,595	85	31.0	23.6-38.5	201	69.0	61.5-76.4
\$15,000-\$24,999	460	245,944	123	31.3	25.5-37.0	337	68.7	63.0-74.5
\$25,000-\$34,999	525	301,301	94	18.8	14.4-23.3	431	81.2	76.7-85.6
\$35,000-\$49,999	547	287,580	96	16.6	12.9-20.3	451	83.4	79.7-87.1
\$50,000-\$74,999	541	283,969	59	13.4	8.8-17.9	482	86.6	82.1-91.2
\$75,000+	985	491,420	92	11.1	8.5-13.8	893	88.9	86.2-91.5

(1) Unweighted number
(2) Weighted percent
Note: Denominator excludes respondents with do not know/refused/missing responses

Former Cigarette Smoking

In this report, a **former cigarette smoker** is defined as an adult who reported that they have ever smoked at least 100 cigarettes in their entire life and currently do not smoke at all.

Overall

- Approximately 1 in 4 adults (22.7%) were former cigarette smokers.
- Approximately 1 in 6 former cigarette smokers (16.0%) reported current e-cigarette use.

Sex (Figure 2.1)

- The percentage of former smoking was **significantly higher** among **men** (28.2%) compared to women (17.5%).

Race/Ethnicity (Figure 2.2)

- The percentage of former smoking was **significantly higher** among **White, NH adults** (29.3%) compared to Black, NH adults (13.4%) and adults of other races/ethnicities (13.0%).

Age (Figure 2.3)

- Overall, the percentage of former smoking increased as age increased and was **significantly lower** among adults aged **18-24 years** (8.1%) compared to all older age groups.

Educational Attainment (Figure 2.4)

- The percentage of former smoking was **significantly higher** among adults who **did not graduate high school** (27.6%) compared to adults who graduated college (18.7%).

Annual Household Income (Figure 2.5)

- The percentage of former smoking was **highest** among adults who earned **\$50,000 to \$74,999** (28.8%). However, there were **no statistically significant differences** in percentage among annual household income groups.

Trend (Figure 2.6)

- The percentage of former cigarette smoking **increased** from 21.9% in 2014 to 22.7% in 2022; however, the difference between the two estimates is **not statistically significant**.

Figure 2.1. Percentage of Respondents Who Were Former Smokers by Sex

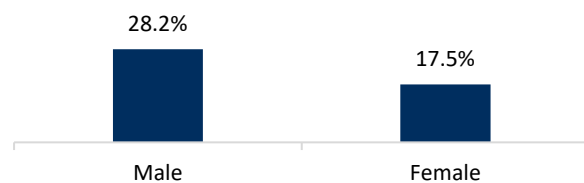


Figure 2.2. Percentage of Respondents Who Were Former Smokers by Race/Ethnicity

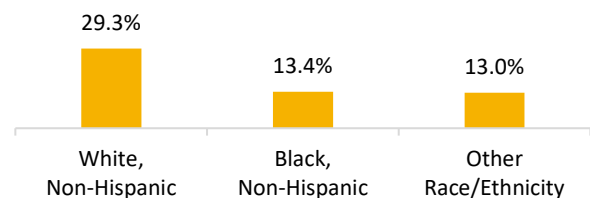


Figure 2.3. Percentage of Respondents Who Were Former Smokers by Age

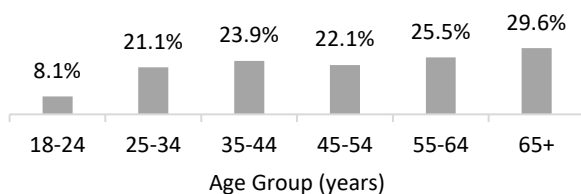


Figure 2.4. Percentage of Respondents Who Were Former Smokers by Education Level

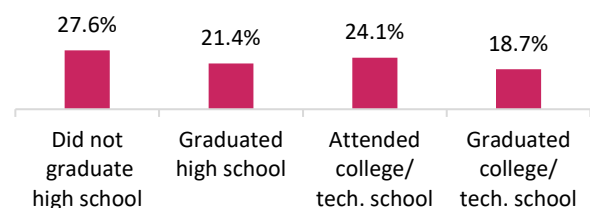


Figure 2.5. Percentage of Respondents Who Were Former Smokers by Annual Household Income

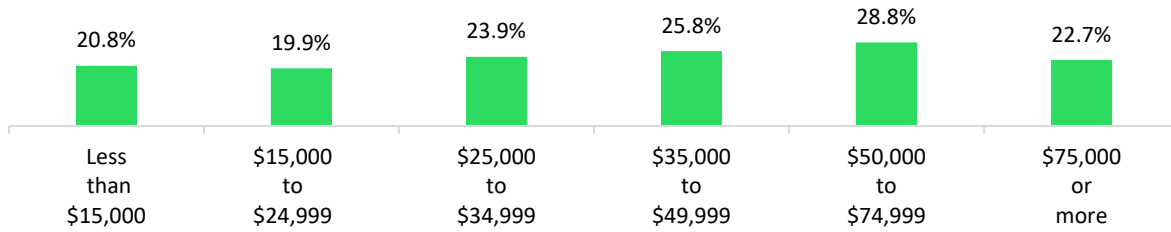


Figure 2.6. 2014-2022 Trend of Former Cigarette Smoking

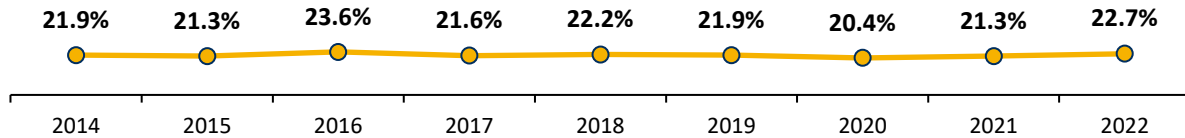


TABLE 2. Former Cigarette Smoking
Has smoked at least 100 cigarettes in entire life and now does not smoke at all

DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	4,024	2,141,564	882	22.7	21.0-24.3	3,142	77.3	75.7-79.0
Male	1,790	1,027,579	510	28.2	25.7-30.8	1,280	71.8	69.2-74.3
Female	2,234	1,113,985	372	17.5	15.3-19.7	1,862	82.5	80.3-84.7
White, Non-Hispanic (NH)	2,372	1,214,853	653	29.3	26.9-31.7	1,719	70.7	68.3-73.1
Black, Non-Hispanic (NH)	1,429	716,781	193	13.4	11.1-15.7	1,236	86.6	84.3-88.9
Other Races/Ethnicities	137	156,006	20	13.0	7.0-19.0	117	87.0	81.0-93.0
18-24 years	409	282,587	28	8.1	4.2-12.0	381	91.9	88.0-95.8
25-34 years	536	352,673	105	21.1	16.9-25.3	431	78.9	74.7-83.1
35-44 years	596	331,331	116	23.9	19.2-28.5	480	76.1	71.5-80.8
45-54 years	652	304,471	131	22.1	18.0-26.1	521	77.9	73.9-82.0
55-64 years	732	347,469	180	25.5	21.2-29.7	552	74.5	70.3-78.8
65+ years	1,056	494,749	311	29.6	26.0-33.2	745	70.4	66.8-74.0
Less than H.S.	364	300,883	93	27.6	21.8-33.5	271	72.4	66.5-78.2
H.S. or G.E.D.	1,034	643,513	216	21.4	18.3-24.5	818	78.6	75.5-81.7
Some Post-H.S.	1,262	738,379	300	24.1	21.2-27.1	962	75.9	72.9-78.8
College Graduate	1,352	452,124	269	18.7	16.2-21.2	1,083	81.3	78.8-83.8
Less than \$15,000	286	160,595	54	20.8	14.6-26.9	232	79.2	73.1-85.4
\$15,000-\$24,999	460	245,944	95	19.9	15.1-24.7	365	80.1	75.3-84.9
\$25,000-\$34,999	525	301,301	120	23.9	18.9-28.9	405	76.1	71.1-81.1
\$35,000-\$49,999	547	287,580	128	25.8	21.1-30.6	419	74.2	69.4-78.9
\$50,000-\$74,999	541	283,969	141	28.8	23.5-34.1	400	71.2	65.9-76.5
\$75,000+	985	491,420	232	22.7	19.5-26.0	753	77.3	74.0-80.5

(1) Unweighted number

(2) Weighted percent

Note: Denominator excludes respondents with do not know/refused/missing responses

Current Smokeless Tobacco Use

In this report, a **current smokeless tobacco user** is defined as an adult who reported that they currently use chewing tobacco, snuff, or snus every day or some days.

Overall

- Approximately 1 in 15 adults (6.6%) were current smokeless tobacco users.

Sex (Figure 3.1)

- The percentage of current smokeless tobacco use was **significantly higher** among **men** (10.7%) compared to women (2.8%).

Race/Ethnicity (Figure 3.2)

- The percentage of current smokeless tobacco use was **significantly higher** among **White, NH adults** (8.0%) compared to Black, NH adults (4.4%). (Note: The percentage for adults of other races/ethnicities was suppressed due to low response.)

Age (Figure 3.3)

- The percentage of current smokeless tobacco use was **highest** among adults aged **45-54 years** (8.7%); however, there were **no significant differences** in percentage of current smokeless tobacco use among the examined age groups. (Note: The percentage for adults aged 18-24 years was suppressed due to low response.)

Educational Attainment (Figure 3.4)

- The percentage of current smokeless tobacco use increased as education level decreased and was **significantly higher** among adults who **did not graduate high school** (9.5%) and adults whose highest level of education was **high school graduation** (8.2%) compared to adults who graduated college (4.0%).

Annual Household Income (Figure 3.5)

- The percentage of current smokeless tobacco use was **highest** among adults whose household income was **\$25,000 to \$34,999** (9.6%); however, there were **no statistically significant differences** in percentage among annual household income groups.

Trend (Figure 3.6)

- The percentage of current smokeless tobacco use **decreased** from 7.5% in 2014 to 6.6% in 2022; however, the difference between the two estimates is **not statistically significant**.

Figure 3.1. Percentage of Respondents Who Were Current Smokeless Tobacco Users by Sex

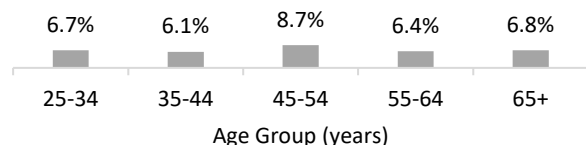


Figure 3.2. Percentage of Respondents Who Were Current Smokeless Tobacco Users by Race/Ethnicity



Note: Other race/ethnicity group suppressed due to low response.

Figure 3.3. Percentage of Respondents Who Were Current Smokeless Tobacco Users by Age



Note: 18-24 years age group suppressed due to low response.

Figure 3.4. Percentage of Respondents Who Were Current Smokeless Tobacco Users by Education Level

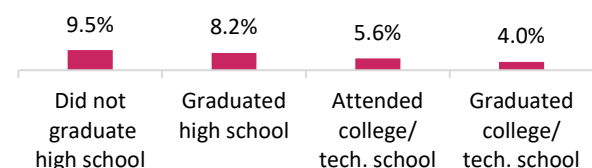


Figure 3.5. Percentage of Respondents Who Were Current Smokeless Tobacco Users by Annual Household Income

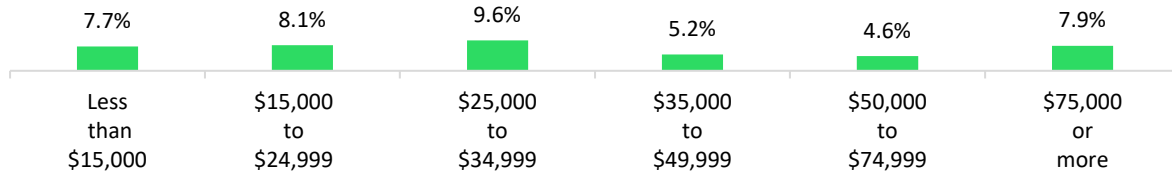


Figure 3.6. 2014-2022 Trend of Current Smokeless Tobacco Use

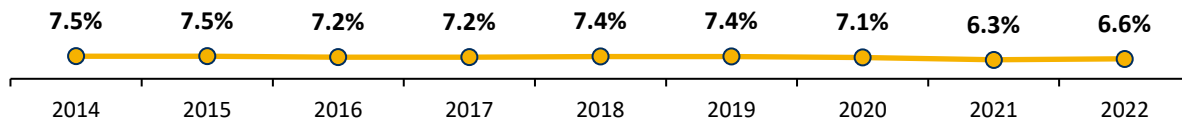


TABLE 3. Current Smokeless Tobacco Use
Currently uses chewing tobacco, snuff, or snus every day or some days

DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	4,061	2,159,047	255	6.6	5.6-7.6	3,806	93.4	92.4-94.4
Male	1,807	1,032,923	201	10.7	9.0-12.5	1,606	89.3	87.5-91.0
Female	2,254	1,126,124	54	2.8	1.8-3.7	2,200	97.2	96.3-98.2
White, Non-Hispanic (NH)	2,394	1,227,335	179	8.0	6.6-9.3	2,215	92.0	90.7-93.4
Black, Non-Hispanic (NH)	1,442	719,707	64	4.4	3.1-5.8	1,378	95.6	94.2-96.9
Other Races/Ethnicities	137	156,006	7	-	-	130	93.5	87.5-99.4
18-24 years	410	280,238	20	-	-	390	94.7	91.4-98.1
25-34 years	538	354,080	39	6.7	4.1-9.2	499	93.3	90.8-95.9
35-44 years	601	333,296	34	6.1	3.8-8.3	567	93.9	91.7-96.2
45-54 years	657	307,759	54	8.7	6.0-11.4	603	91.3	88.6-94.0
55-64 years	741	352,153	46	6.4	4.3-8.4	695	93.6	91.6-95.7
65+ years	1,069	501,645	62	6.8	4.7-8.9	1,007	93.2	91.1-95.3
Less than H.S.	373	303,856	42	9.5	5.8-13.2	331	90.5	86.8-94.2
H.S. or G.E.D.	1,046	648,190	78	8.2	6.1-10.3	968	91.8	89.7-93.9
Some Post-H.S.	1,274	745,876	75	5.6	4.2-7.1	1,199	94.4	92.9-95.8
College Graduate	1,355	453,185	60	4.0	2.8-5.2	1,295	96.0	94.8-97.2
Less than \$15,000	291	162,807	20	7.7	3.7-11.7	271	92.3	88.3-96.3
\$15,000-\$24,999	464	248,040	33	8.1	4.9-11.3	431	91.9	88.7-95.1
\$25,000-\$34,999	528	302,640	43	9.6	5.8-13.4	485	90.4	86.6-94.2
\$35,000-\$49,999	550	288,863	29	5.2	3.1-7.2	521	94.8	92.8-96.9
\$50,000-\$74,999	541	279,964	30	4.6	2.6-6.5	511	95.4	93.5-97.4
\$75,000+	987	493,307	75	7.9	5.8-10.0	912	92.1	90.0-94.2

(1) Unweighted number

(2) Weighted percent

Note: Denominator excludes respondents with do not know/refused/missing responses

Estimates with an unweighted denominator <50 or a relative standard error (RSE) > 30% are suppressed (indicated by dashes).

Current E-Cigarette Use

In this report, a **current e-cigarette user** is defined as an adult who reported that they currently use e-cigarettes or other electronic vaping products every day or some days.

Overall

- Approximately 1 in 11 adults (9.4%) were current e-cigarette users.
- Among current e-cigarette users, 28.1% were current cigarette smokers, and 39.2% were former cigarette smokers.

Sex (Figure 4.1)

- The percentage of current e-cigarette use was **higher** among **men** (10.4%) compared to women (8.4%); however, the difference was **not statistically significant**.

Race/Ethnicity (Figure 4.2)

- The percentage of current e-cigarette use was **significantly higher** among **White, NH adults** (11.1%) **and adults of other races/ethnicities** (15.7%) compared to Black, NH adults (5.4%).

Age (Figure 4.3)

- The percentage of current e-cigarette use increased as age decreased and was **significantly higher** among adults aged **18-24 years** (23.3%) compared to adults aged 35-44 years (11.4%), 45-54 years (5.0%), and 55-64 years (3.4%). (Note: The percentage for adults aged 65+ years was suppressed due to low response.)

Educational Attainment (Figure 4.4)

- The percentage of current e-cigarette use was **significantly lower** among adults who **graduated college** (4.7%) compared to adults of all lower education level groups.

Annual Household Income (Figure 4.5)

- There were **no significant differences** in the percentage of current e-cigarette use among the examined annual household income groups.

Trend (Figure 4.6)

- The percentage of current e-cigarette use **increased significantly** from 4.7% in 2016 to 9.4% in 2022.

Figure 4.1. Percentage of Respondents Who Were Current E-Cigarette Users by Sex



Figure 4.2. Percentage of Respondents Who Were Current E-Cigarette Users by Race/Ethnicity

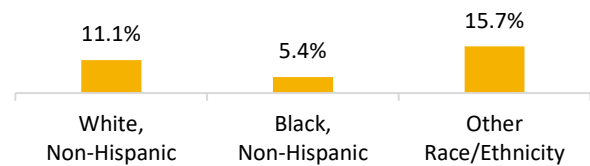
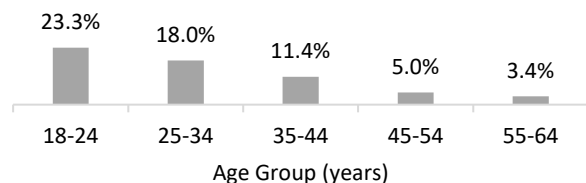


Figure 4.3. Percentage of Respondents Who Were Current E-Cigarette Users by Age



Note: 65+ years age group suppressed due to low response.

Figure 4.4. Percentage of Respondents Who Were Current E-Cigarette Users by Education Level

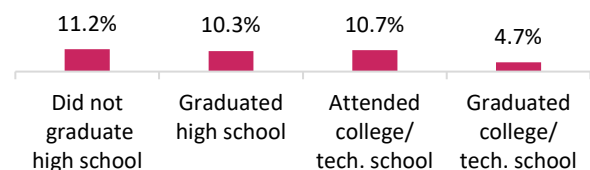


Figure 4.5. Percentage of Respondents Who Were Current E-Cigarette Users by Annual Household Income

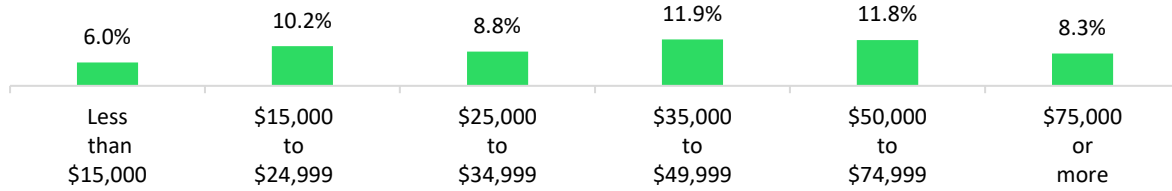
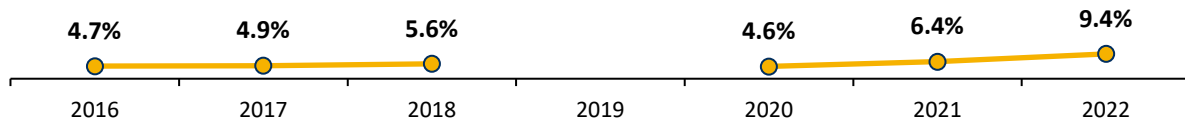


Figure 4.6. 2016-2022 Trend of Current E-Cigarette Use



Note: Data related to current e-cigarette use were not collected in the 2019 survey year.

TABLE 4. Current E-Cigarette Use
Currently uses e-cigarettes or other electronic vaping products every day or some days

DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	4,053	2,159,521	317	9.4	8.1-10.6	3,736	90.6	89.4-91.9
Male	1,804	1,036,412	160	10.4	8.6-12.3	1,644	89.6	87.7-91.4
Female	2,249	1,123,109	157	8.4	6.8-10.0	2,092	91.6	90.0-93.2
White, Non-Hispanic (NH)	2,388	1,223,805	234	11.1	9.5-12.7	2,154	88.9	87.3-90.5
Black, Non-Hispanic (NH)	1,442	723,493	61	5.4	3.8-7.0	1,381	94.6	93.0-96.2
Other Races/Ethnicities	137	156,006	17	15.7	7.9-23.4	120	84.3	76.6-92.1
18-24 years	409	283,478	91	23.3	18.1-28.6	318	76.7	71.4-81.9
25-34 years	536	352,294	95	18.0	14.0-21.9	441	82.0	78.1-86.0
35-44 years	600	332,784	55	11.4	7.8-14.9	545	88.6	85.1-92.2
45-54 years	655	306,884	34	5.0	3.0-7.0	621	95.0	93.0-97.0
55-64 years	740	351,410	25	3.4	1.9-4.9	715	96.6	95.1-98.1
65+ years	1,067	500,704	15	-	-	1,052	98.7	97.9-99.5
Less than H.S.	371	306,336	35	11.2	6.8-15.6	336	88.8	84.4-93.2
H.S. or G.E.D.	1,040	644,472	94	10.3	8.0-12.6	946	89.7	87.4-92.0
Some Post-H.S.	1,273	745,497	124	10.7	8.6-12.8	1,149	89.3	87.2-91.4
College Graduate	1,355	453,185	64	4.7	3.4-6.0	1,291	95.3	94.0-96.6
Less than \$15,000	287	160,381	20	6.0	2.9-9.1	267	94.0	90.9-97.1
\$15,000-\$24,999	464	248,040	45	10.2	6.9-13.4	419	89.8	86.6-93.1
\$25,000-\$34,999	526	301,352	43	8.8	5.0-12.6	483	91.2	87.4-95.0
\$35,000-\$49,999	548	287,557	47	11.9	8.1-15.7	501	88.1	84.3-91.9
\$50,000-\$74,999	541	283,770	52	11.8	8.0-15.6	489	88.2	84.4-92.0
\$75,000+	988	494,080	59	8.3	5.8-10.7	929	91.7	89.3-94.2

(1) Unweighted number

(2) Weighted percent

Note: Denominator excludes respondents with do not know/refused/missing responses

Estimates with an unweighted denominator <50 or a relative standard error (RSE) > 30% are suppressed (indicated by dashes).

Tobacco Cessation in Past 12 Months Among Adults Who Have Ever Smoked

This measure was calculated by combining the number of current smokers who had tried to quit smoking in the past 12 months and the number of former smokers who smoked their last cigarette within the past 12 months.

Overall

- Approximately 1 in 3 adults who reported ever smoking (31.4%) had tried to quit smoking in the past 12 months.

Sex (Figure 5.1)

- The percentage of trying to quit smoking among adults who reported ever smoking was **higher** among **women** (33.0%) compared to men (30.2%); however, the difference was **not statistically significant**.

Race/Ethnicity (Figure 5.2)

- The percentage of trying to quit smoking was **significantly higher** among **Black, NH adults** who had ever smoked (42.4%), compared to White, NH adults who had ever smoked (26.2%). (Note: The percentage among other race/ethnicity adults was suppressed due to low response.)

Age (Figure 5.3)

- Overall, the percentage of trying to quit smoking increased as age decreased and was **significantly lower** among adults aged **65+ years** who had ever smoked (14.8%) compared to all examined younger age groups. (Note: The percentage among adults aged 18-24 years was suppressed due to low response).

Educational Attainment (Figure 5.4)

- The percentage of trying to quit smoking increased as education level decreased and was **significantly lower** among adults who **graduated college** (18.7%) compared to adults of all lower education level groups.

Annual Household Income (Figure 5.5)

- The percentage of trying to quit smoking was **highest** among adults whose annual household income was **\$15,000 to \$24,999** (40.3%); however, there were **no statistically significant differences** in percentage among annual household income groups.

Trend (Figure 5.6)

- The percentage of trying to quit smoking among adults who reported ever smoking **decreased significantly** from 40.1% in 2014 to 31.4% in 2022.

Figure 5.1. Percentage of Respondents Who Ever Smoked and Tried to Quit in the Past 12 Months by Sex

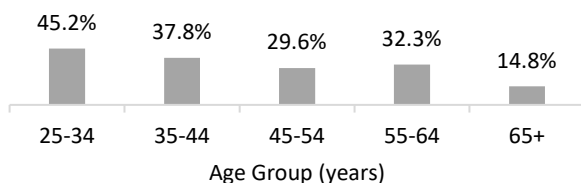


Figure 5.2. Percentage of Respondents Who Ever Smoked and Tried to Quit in the Past 12 Months by Race/Ethnicity



Note: Other race/ethnicity group suppressed due to low response.

Figure 5.3. Percentage of Respondents Who Ever Smoked and Tried to Quit in the Past 12 Months by Age



Note: 18-24 years age group suppressed due to low response.

Figure 5.4. Percentage of Respondents Who Ever Smoked and Tried to Quit in the Past 12 Months by Education Level

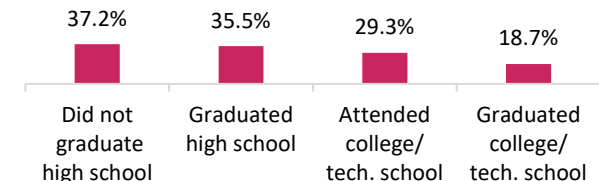


Figure 5.5. Percentage of Respondents Who Ever Smoked and Tried to Quit in the Past 12 Months by Annual Household Income

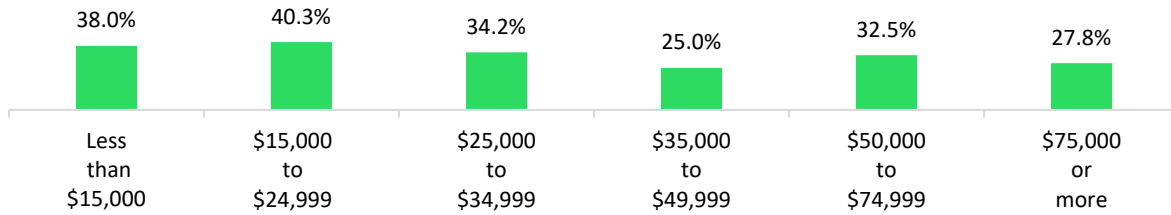


Figure 5.6. 2014-2022 Trend of Tobacco Cessation in the Past 12 Months Among Adults Who Ever Smoked

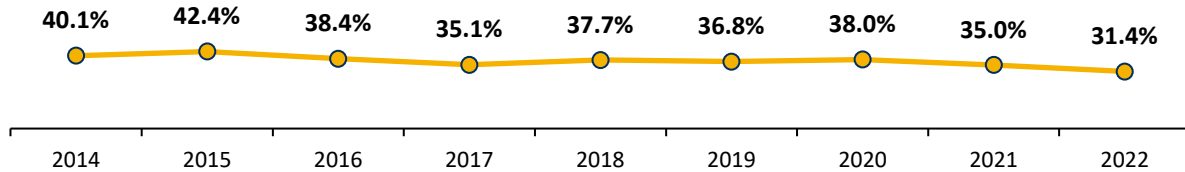


TABLE 5. Tobacco Cessation in Past 12 Months Among Adults Who Ever Smoked Ever smoked cigarettes and tried to quit smoking in the past 12 months

DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	1,343	748,657	391	31.4	28.1-34.8	952	68.6	65.2-71.9
Male	717	429,440	198	30.2	25.9-34.6	519	69.8	65.4-74.1
Female	626	319,217	193	33.0	27.7-38.3	433	67.0	61.7-72.3
White, Non-Hispanic (NH)	915	504,361	214	26.2	22.3-30.2	701	73.8	69.8-77.7
Black, Non-Hispanic (NH)	368	189,831	153	42.4	36.0-48.9	215	57.6	51.1-64.0
Other Races/Ethnicities	32	34,421	11	-	-	21	-	-
18-24 years	42	32,717	20	-	-	22	-	-
25-34 years	164	115,906	74	45.2	36.1-54.3	90	54.8	45.7-63.9
35-44 years	223	143,695	83	37.8	29.7-45.9	140	62.2	54.1-70.3
45-54 years	229	114,586	69	29.6	22.7-36.5	160	70.4	63.5-77.3
55-64 years	282	149,983	83	32.3	23.6-40.9	199	67.7	59.1-76.4
65+ years	394	185,273	61	14.8	10.2-19.5	333	85.2	80.5-89.8
Less than H.S.	199	165,315	66	37.2	28.2-46.2	133	62.8	53.8-71.8
H.S. or G.E.D.	360	221,560	120	35.5	29.3-41.7	240	64.5	58.3-70.7
Some Post-H.S.	448	259,552	131	29.3	24.2-34.4	317	70.7	65.6-75.8
College Graduate	332	101,095	74	18.7	14.2-23.3	258	81.3	76.7-85.8
Less than \$15,000	114	69,572	45	38.0	25.1-51.0	69	62.0	49.0-74.9
\$15,000-\$24,999	187	103,861	71	40.3	31.1-49.4	116	59.7	50.6-68.9
\$25,000-\$34,999	188	110,711	53	34.2	24.5-43.8	135	65.8	56.2-75.5
\$35,000-\$49,999	209	114,017	65	25.0	18.6-31.5	144	75.0	68.5-81.4
\$50,000-\$74,999	180	109,496	41	32.5	22.1-43.0	139	67.5	57.0-77.9
\$75,000+	289	146,566	69	27.8	21.2-34.5	220	72.2	65.5-78.8

(1) Unweighted number

(2) Weighted percent

Note: Denominator excludes respondents with do not know/refused/missing responses

Estimates with an unweighted denominator <50 or a relative standard error (RSE) > 30% are suppressed (indicated by dashes).

Tobacco Cessation in Past 12 Months Among Current Smokers

Overall

- Approximately 1 in 2 adults who reported current smoking (49.5%) had tried to quit smoking in the past 12 months.
- Approximately 1 in 8 current cigarette smokers who had tried to quit in the past 12 months (12.7%) also reported current e-cigarette use.

Sex (Figure 6.1)

- The percentage of trying to quit smoking among current smokers was **similar** between **men** (49.7%) and women (49.3%).

Race/Ethnicity (Figure 6.2)

- The percentage of trying to quit smoking was **significantly higher** among **Black, NH current smokers** (62.9%), compared to White, NH current smokers (43.5%). (Note: The percentage of other race/ethnicity current smokers who tried to quit smoking in the past 12 months was suppressed due to low response.)

Age (Figure 6.3)

- There were **no statistically significant differences** in the percentage of current smokers who tried to quit smoking in the past 12 months among the examined age groups. (Note: The percentage of current smokers aged 18-24 years who tried to quit smoking was suppressed due to low response.)

Educational Attainment (Figure 6.4)

- There were **no statistically significant differences** in the percentage of current smokers who tried to quit smoking in the past 12 months among education level groups.

Annual Household Income (Figure 6.5)

- There were **no statistically significant differences** in the percentage of current smokers who tried to quit smoking in the past 12 months among annual household income groups.

Trend (Figure 6.6)

- The percentage of trying to quit smoking among current smokers **decreased significantly** from 63.7% in 2014 to 49.5% in 2022.

Figure 6.1. Percentage of Respondents Who Currently Smoke and Tried to Quit in the Past 12 Months by Sex

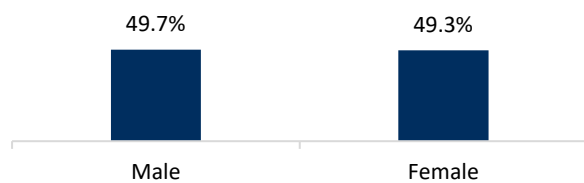
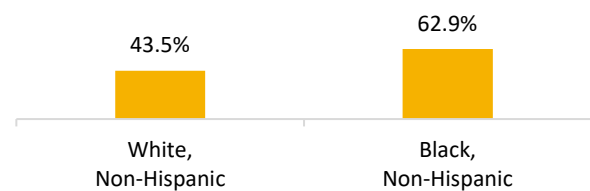
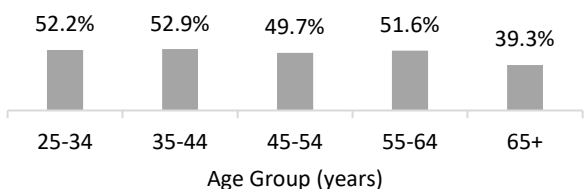


Figure 6.2. Percentage of Respondents Who Currently Smoke and Tried to Quit in the Past 12 Months by Race/Ethnicity



Note: Other race/ethnicity group suppressed due to low response.

Figure 6.3. Percentage of Respondents Who Currently Smoke and Tried to Quit in the Past 12 Months by Age



Note: 18-24 years age group suppressed due to low response.

Figure 6.4. Percentage of Respondents Who Currently Smoke and Tried to Quit in the Past 12 Months by Education Level

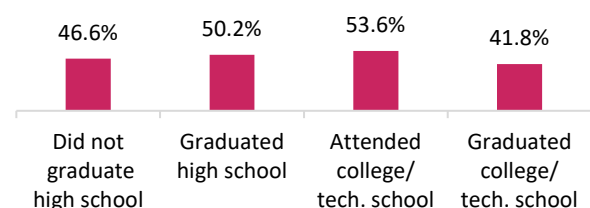


Figure 6.5. Percentage of Respondents Who Currently Smoke and Tried to Quit in the Past 12 Months by Annual Household Income

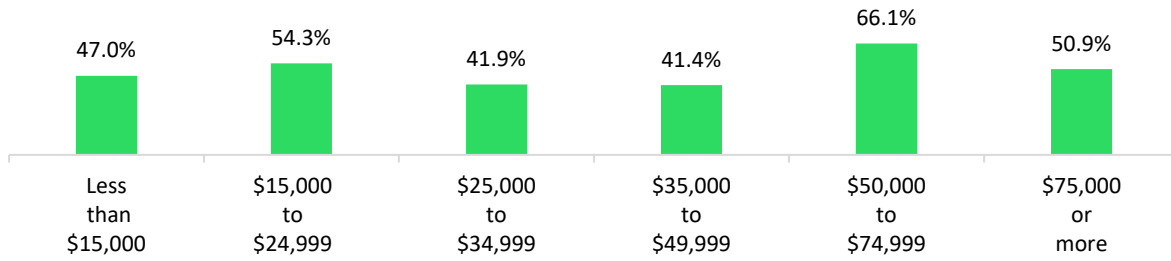


Figure 6.6. 2014-2022 Trend of Tobacco Cessation in the Past 12 Months Among Current Cigarette Smokers

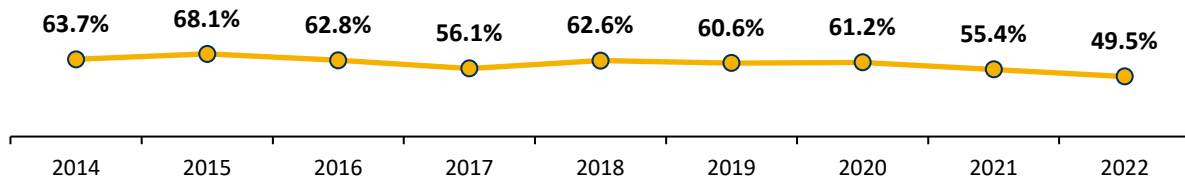


TABLE 6. Tobacco Cessation in Past 12 Months Among Current Cigarette Smokers
Currently smoke cigarettes and tried to quit smoking in the past 12 months

DEMOGRAPHIC GROUPS	RESPONDENTS		Yes			No		
	TOTAL	WEIGHTED	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)	N ⁽¹⁾	% ⁽²⁾	C.I. (95%)
TOTAL	561	321,311	279	49.5	44.2-54.9	282	50.5	45.1-55.8
Male	274	177,870	132	49.7	42.3-57.1	142	50.3	42.9-57.7
Female	287	143,441	147	49.3	41.7-57.0	140	50.7	43.0-58.3
White, Non-Hispanic (NH)	330	189,590	139	43.5	36.3-50.8	191	56.5	49.2-63.7
Black, Non-Hispanic (NH)	201	105,526	127	62.9	54.7-71.2	74	37.1	28.8-45.3
Other Races/Ethnicities	16	18,515	6	-	-	10	-	-
18-24 years	20	14,596	10	-	-	10	-	-
25-34 years	76	55,869	41	52.2	39.0-65.5	35	47.8	34.5-61.0
35-44 years	118	70,051	63	52.9	41.8-64.0	55	47.1	36.0-58.2
45-54 years	109	52,215	55	49.7	38.8-60.7	54	50.3	39.3-61.2
55-64 years	122	70,017	61	51.6	38.2-64.9	61	48.4	35.1-61.8
65+ years	115	57,824	48	39.3	27.7-50.8	67	60.7	49.2-72.3
Less than H.S.	117	93,693	51	46.6	34.7-58.5	66	53.4	41.5-65.3
H.S. or G.E.D.	172	101,715	88	50.2	41.4-59.1	84	49.8	40.9-58.6
Some Post-H.S.	178	100,741	94	53.6	45.0-62.3	84	46.4	37.7-55.0
College Graduate	93	24,914	46	41.8	30.4-53.2	47	58.2	46.8-69.6
Less than \$15,000	72	44,714	37	47.0	30.0-64.0	35	53.0	36.0-70.0
\$15,000-\$24,999	100	59,504	56	54.3	41.8-66.7	44	45.7	33.3-58.2
\$25,000-\$34,999	83	46,320	34	41.9	28.8-54.9	49	58.1	45.1-71.2
\$35,000-\$49,999	92	45,283	44	41.4	29.5-53.2	48	58.6	46.8-70.5
\$50,000-\$74,999	51	34,454	27	66.1	49.5-82.7	24	33.9	17.3-50.5
\$75,000+	83	48,146	42	50.9	37.5-64.2	41	49.1	35.8-62.5

(1) Unweighted number

(2) Weighted percent

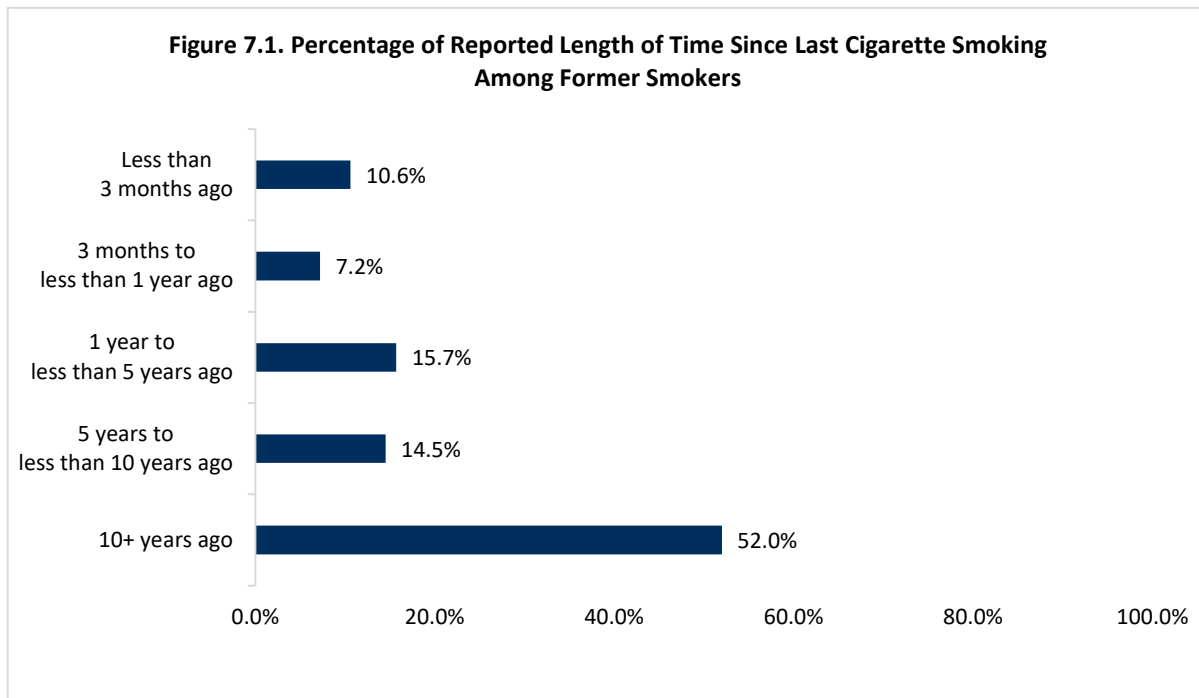
Note: Denominator excludes respondents with do not know/refused/missing responses

Estimates with an unweighted denominator <50 or a relative standard error (RSE) > 30% are suppressed (indicated by dashes).

Length of Time Since Last Cigarette Smoked Among Former Cigarette Smokers

Overall (Figure 7.1)

- Among adults who reported former smoking...
 - 10.6% said they last smoked a cigarette less than 3 months ago.
 - 7.2% said they last smoked a cigarette 3 months to less than 1 year ago.
 - 15.7% said they last smoked a cigarette 1 year to less than 5 years ago.
 - 14.5% said they last smoked a cigarette 5 years to less than 10 years ago.
 - 52.0% said they last smoked a cigarette 10 or more years ago.



Trends of Tobacco Use by Age Group

The following pages contain graphs that display the evolving trends between current cigarette smoking and current e-cigarette use among each age group. The purpose of these graphs is to examine whether the observed overall decline in current cigarette smoking is being replaced by an increase in e-cigarette use, and if so, for which age groups.

Data related to e-cigarette use was not collected in the 2019 MS BRFSS survey. In this and other instances where data are missing or suppressed due to low response, the solid trend line was replaced with a dotted line. The graph for adults aged 65+ years is an exception, since that group had only two years in the examined time frame in which the sample size of current e-cigarette users was large enough to be reported.

Age 18-24 Years (Figure 8.1)

- The percentage of current cigarette smoking has declined since 2016, while current e-cigarette use has increased steadily since at least 2020. There was an overall increase in the percentage of adults aged 18-24 years who used either cigarettes or e-cigarettes from 2017 to 2022.

Age 25-34 Years (Figure 8.2)

- The percentage of current cigarette smoking has decreased steadily since 2019, while current e-cigarette use has increased considerably since at least 2020. There was an overall increase in the percentage of adults aged 25-34 years who used either cigarettes or e-cigarettes from 2016 to 2022.

Age 35-44 Years (Figure 8.3)

- The percentage of current cigarette smoking has decreased since 2020, while the percentage of current e-cigarette use has increased considerably since at least 2020. There was an overall increase in the percentage of adults 35-44 years who used either cigarettes or e-cigarettes from 2016 to 2020.

Age 45-54 Years (Figure 8.4)

- The percentage of current cigarette smoking has steadily decreased since 2016, while the percentage of current e-cigarette use has increased since at least 2020. There was an overall decrease in the percentage of adults 45-54 years who used either cigarettes or e-cigarettes from 2016 to 2020.

Age 55-64 Years (Figure 8.5)

- The percentage of current cigarette smoking decreased from 2018 to 2022, while current e-cigarette use has increased slightly since 2016. There was an overall slight increase in the percentage of adults 55-64 years who used either cigarettes or e-cigarettes from 2016 to 2020.

Age 65+ Years (Figure 8.6)

- The percentage of current cigarette smoking decreased from 2016 to 2020 but increased from 2020 to 2022. Current e-cigarette use decreased from 2017 to 2018, which were the only two survey years with sufficient responses from this age group to report prevalence estimates. There was an overall increase in the percentage of adults aged 65+ who used either cigarettes or e-cigarettes from 2016 to 2022.

Trends of Tobacco Use by Age Group

Figure 8.1. Trend of Tobacco Use Among Adults Aged 18-24 Years, 2016-2022

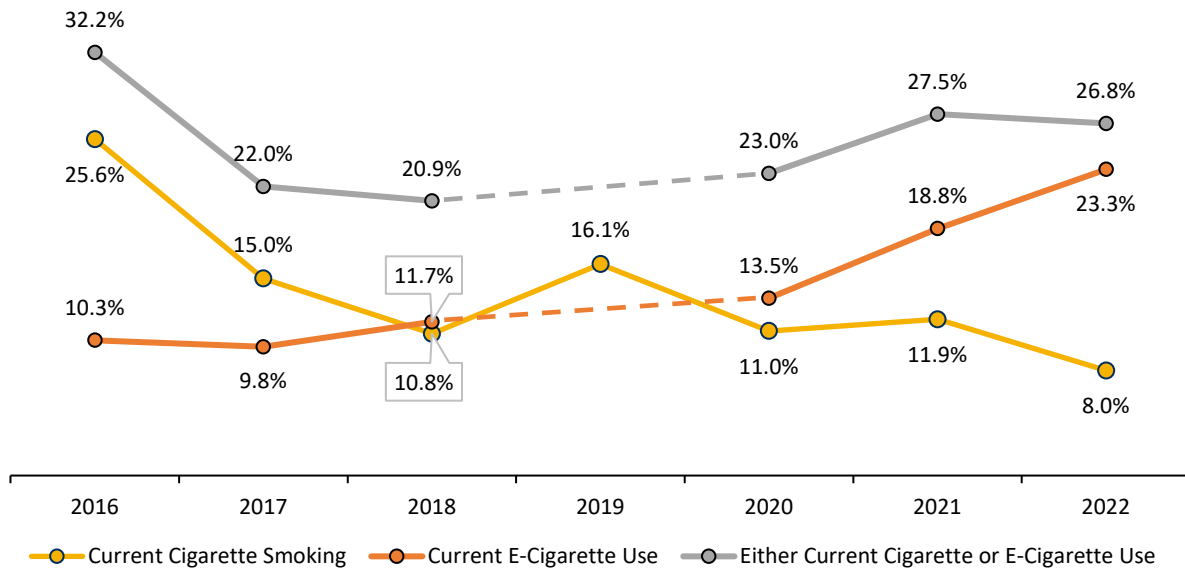
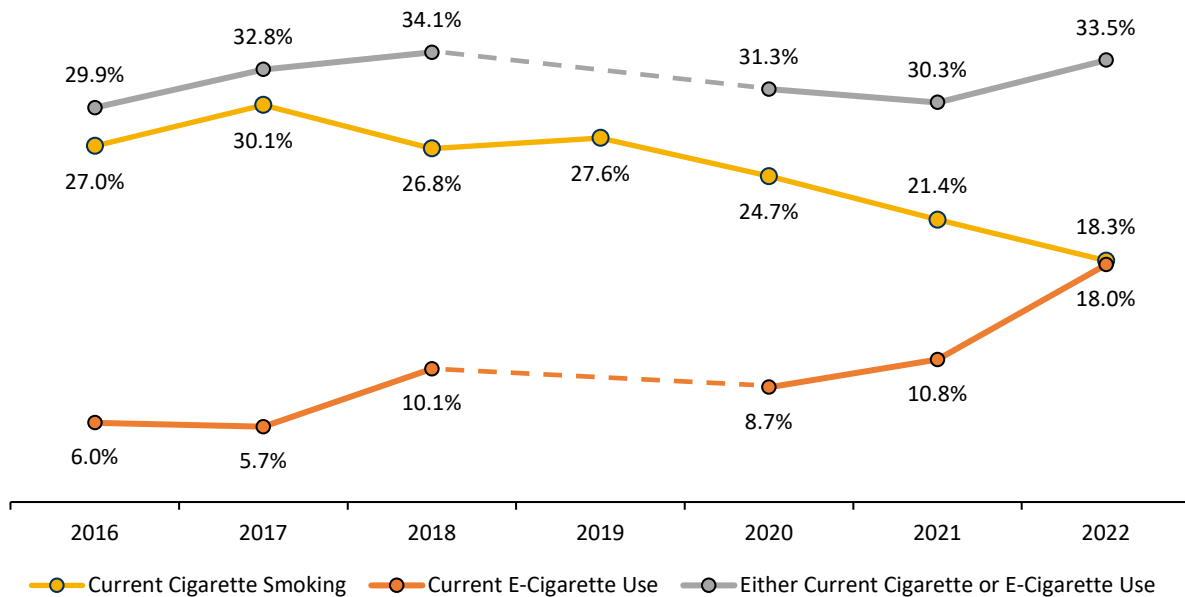


Figure 8.2. Trend of Tobacco Use Among Adults Aged 25-34 Years, 2016-2022



Trends of Tobacco Use by Age Group

Figure 8.3. Trend of Tobacco Use Among Adults Aged 35-44 Years, 2016-2022

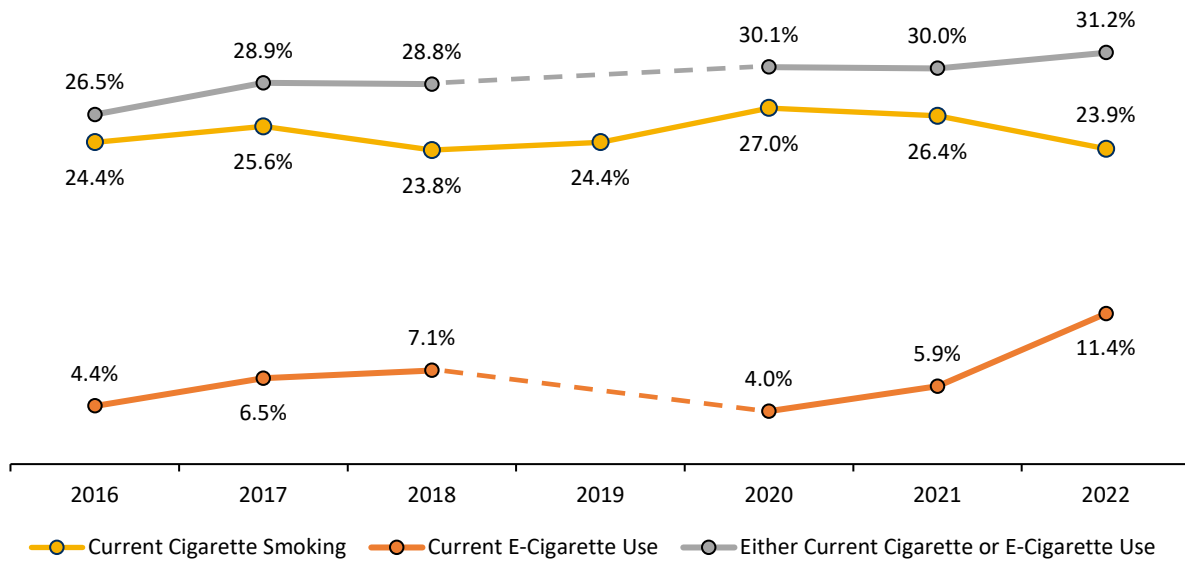
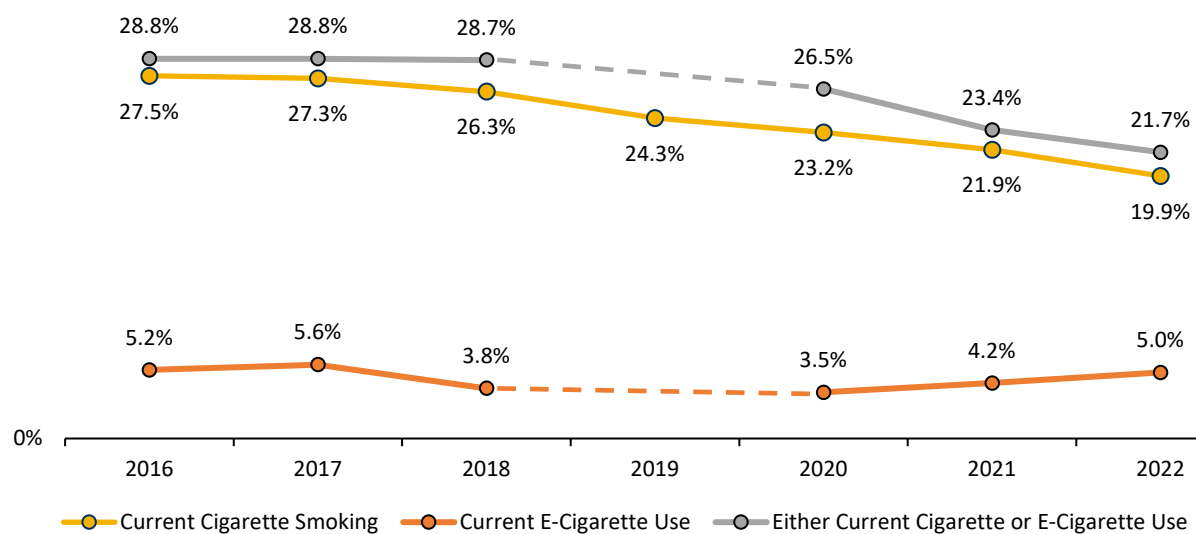


Figure 8.4. Trend of Tobacco Use Among Adults Aged 45-54 Years, 2016-2022



Trends of Tobacco Use by Age Group

Figure 8.5. Trend of Tobacco Use Among Adults Aged 55-64 Years, 2016-2022

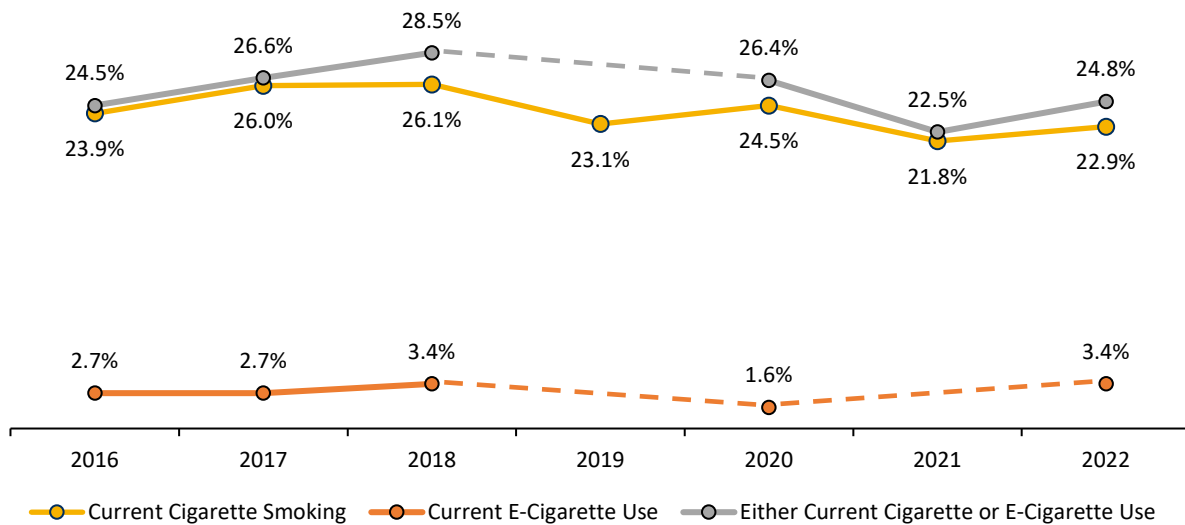
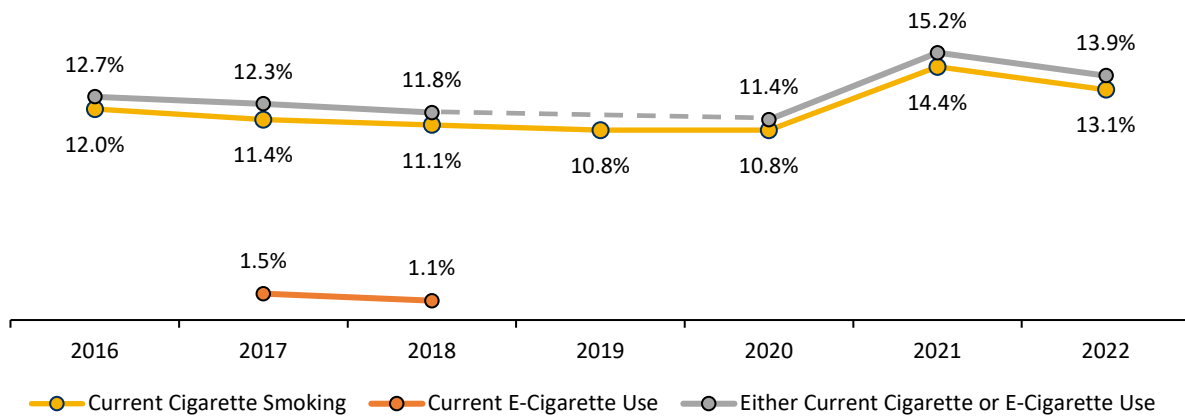


Figure 8.6. Trend of Tobacco Use Among Adults Aged 65+ Years, 2016-2022



For More Information, Contact:

Mississippi BRFSS Program | brfss@msdh.ms.gov