

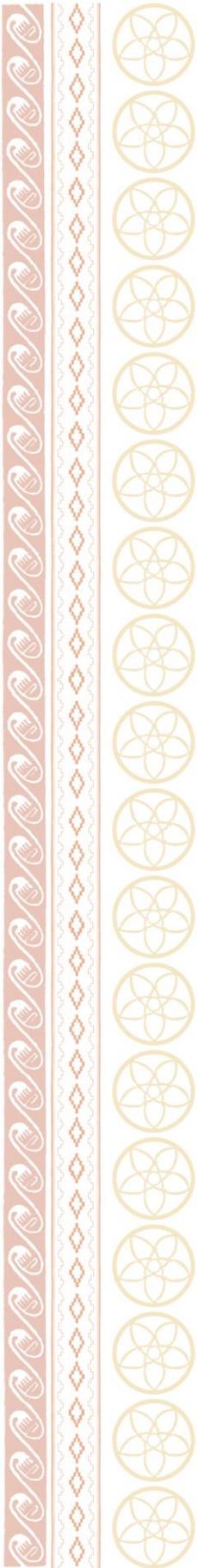
JUNE 2017

TOBACCO USE AMONG AMERICAN INDIAN YOUTH IN NEW MEXICO

RESULTS OF THE 2015 NEW MEXICO YOUTH RISK &
RESILIENCY SURVEY



Albuquerque Area Southwest Tribal Epidemiology Center
Albuquerque Area Indian Health Board



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FOR ADDITIONAL INFORMATION CONTACT:

Kevin English–Director
Albuquerque Area Southwest Tribal Epidemiology Center
5015 Prospect Ave NE
Albuquerque, NM 87110
P: 505-962-2602 or (800) 658-6717
kenglish@aaihb.org

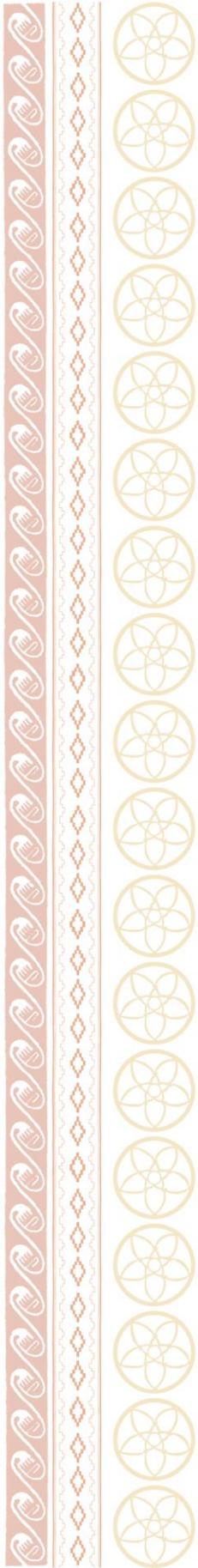
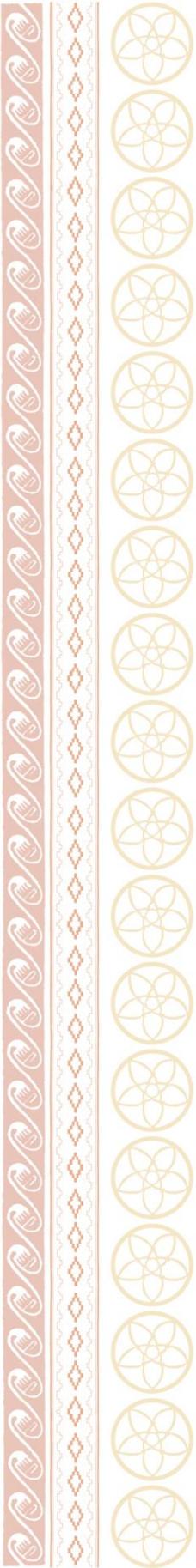


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EXECUTIVE SUMMARY

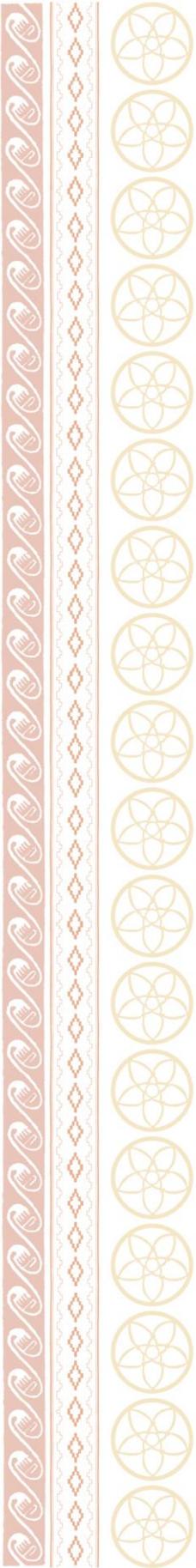
PURPOSE

This report focuses on tobacco-related risk behaviors among middle and high school American Indian (AI) youth in New Mexico. The data comes from the 2015 New Mexico Youth Risk and Resiliency Survey (NM YRRS). The purpose of the NM YRRS is to obtain insight into risk behaviors and protective (resiliency) factors for both middle and high school students. This statewide survey included 23,941 high school and middle school students. Among students surveyed, 4,795 identified themselves as American Indian.

METHODS

The 2015 NM YRRS was administered in middle and high schools within the New Mexico public school system and the Bureau of Indian Education. A representative sample of students was selected using a weighted protocol developed by the Centers for Disease Control and Prevention. Additional details on this methodology are accessible at www.YouthRisk.org.

The tables in this report are organized into two sections – middle school and high school students. In each section, estimates of self-reported tobacco-related behaviors are compared between American Indians in New Mexico (AI-NM) and the New Mexico (NM) statewide population. Findings are further stratified by gender and grade level. It is important to note, that the NM YRRS survey instrument *does not* distinguish between commercial and ceremonial uses of tobacco. Use of e-cigarettes was measured for the first time in 2015 for both middle and high school students.



KEY FINDINGS

Several key tobacco-related findings and trends emerged in this analysis among American Indian students in New Mexico, including:

Middle School

- American Indian middle school students reported a higher prevalence of smoking cigarettes during the past 30 days compared to the all-race NM middle school student population, 7.7% and 4.5%, respectively.
- American Indian middle students reported a higher prevalence of ever smoking cigarettes compared to all NM middle school students, 23.6% and 16.3% respectively.
- Approximately 1 in 8 American Indian middle school students (13.1%) used an electronic vapor product, such as an e-cigarette, during the past 30 days.
- Almost 3/4 of American Indian middle school students who currently smoke, tried to quit during the past year (72.4%).

High School

- More than 1 in 3 American Indian high school students (35.9%) currently used at least one type of tobacco product (cigarettes, electronic vapor product, hookah, cigars, or spit tobacco) in the past 30 days.
- The most commonly used tobacco product among American Indian high school students was electronic vapor products (22.3%), followed by cigarettes (15.9%) and hookah (15.1%).
- American Indian male high school students were approximately three times more likely to currently use chewing/spit tobacco than American Indian female students (14.0% vs. 5.1%), and about two times more likely to use cigars or cigarillos (15.2% vs. 8.4%).
- About one-quarter of American Indian high school students (26.0%) were in the same room with someone who was smoking cigarettes in the past 7 days, increasing their exposure to second-hand smoke.
- More than half of American Indian high school students who currently smoke (57.8%), tried to quit in the past 12 months. Assisting youth in successfully quitting commercial tobacco use may therefore be an important public health intervention.

MIDDLE SCHOOL

TOBACCO USE - ANY PRODUCT

Table 1.1
Current use of any tobacco product in the past 30 days*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	18.5%	(16.1-21.1)	15.5%	(14.1-17.0)
Gender				
Male	17.8%	(15.0-21.0)	16.8%	(14.9-18.9)
Female	19.1%	(15.7-23.1)	14.2%	(12.4-16.2)
Grade				
6th Grade	9.5%	(6.4-13.9)	7.8%	(6.2-9.7)
7th Grade	18.2%	(14.7-22.2)	14.9%	(12.6-17.6)
8th Grade	26.3%	(21.6-31.6)	21.4%	(19.1-23.8)

*Cigarettes, cigars, or spit tobacco

Almost 1 in 5 (18.5%) American Indian middle school students in New Mexico currently use any tobacco product. Tobacco use increases by grade level from sixth to eighth grade. Differences between American Indian middle school students in New Mexico (AI-NM) and the statewide middle school student population were not statistically significant.

EVER SMOKED

Table 2.1
Ever smoked cigarettes

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	23.6%	(20.8-26.7)	16.3%	(14.8-17.9)
Gender				
Male	23.3%	(19.6-27.4)	16.6%	(14.6-18.7)
Female	24.0%	(20.2-28.2)	16.1%	(14.1-18.2)
Grade				
6th Grade	12.1%	(8.2-17.4)	7.8%	(6.5-9.8)
7th Grade	21.7%	(18.1-25.7)	15.7%	(13.8-17.7)
8th Grade	35.7%	(31.3-40.5)	22.7%	(20.2-25.5)

A higher percentage of American Indian middle school students have ever smoked cigarettes (23.6%) compared to the NM statewide rate (16.3%). The prevalence of ever smoking cigarettes significantly increases from sixth to eighth grade for both American Indian and all NM middle school students.

Table 2.2
Ever smoked cigarettes before 11 years of age

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	8.2%	(6.6-10.1)	5.1%	(4.4-5.9)
Gender				
Male	8.3%	(6.3-10.9)	5.0%	(4.1-6.0)
Female	8.1%	(6.0-10.8)	5.2%	(4.3-6.3)
Grade				
6th Grade	6.2%	(3.8-9.8)	4.0%	(3.0-5.4)
7th Grade	7.0%	(5.3-9.2)	5.4%	(4.2-6.9)
8th Grade	11.4%	(8.4-15.3)	5.5%	(4.5-6.7)

A higher proportion of American Indian middle school students ever smoked a whole cigarette (8.2%) before 11 years of age compared to the NM statewide rate for middle school students (5.1%). This rate did not differ significantly by gender.

CURRENT SMOKERS

Table 3.1
Current use of cigarettes in the past 30 days

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	7.7%	(6.2-9.4)	4.5%	(3.7-5.2)
Gender				
Male	6.9%	(5.3-8.9)	4.8%	(3.9-5.9)
Female	8.4%	(6.3-11.1)	4.1%	(3.4-5.1)
Grade				
6th Grade	3.9%	(2.2-6.9)	2.7%	(1.9-3.8)
7th Grade	7.9%	(5.6-11.0)	4.3%	(3.4-5.6)
8th Grade	10.8%	(8.1-14.3)	5.8%	(4.8-7.1)

A higher percentage of American Indian middle school students (7.7%) smoked cigarettes during the past 30 days compared to the NM statewide rate (4.5%). American Indian female middle school students (8.4%) also reported a significantly higher prevalence of smoking cigarettes during the past 30 days compared to the NM statewide rate (4.1%). The prevalence of smoking cigarettes during the past 30 days increases significantly from sixth to eighth grade for all middle school students, from 3.9% among American Indian 6th grade students to 10.8% of American Indian 8th grade students.

Table 3.2
Days smoked cigarettes in the past 30 days*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall				
1-5 days	78.2%	(68.3-85.7)	73.2%	(66.1-79.3)
6-19 days	14.7%	(8.6-24.0)	17.2%	(12.5-23.1)
20-30 days	7.1%	(3.2-14.8)	9.6%	(6.2-14.6)
Male				
1-5 days	74.2%	(58.8-85.3)	68.5%	(55.7-79.1)
6-19 days	20.3%	(10.1-36.6)	21.9%	(14.1-32.5)
20-30 days	5.4%	(2.2-13.0)	9.5%	(4.7-18.3)
Female				
1-5 days	81.4%	(68.2-89.9)	79.0%	(71.5-84.9)
6-19 days	10.1%	(4.8-20.0)	11.6%	(7.4-17.6)
20-30 days	8.4%	(2.7-23.8)	9.5%	(5.4-16.0)

*Excludes non-smokers

Middle school students typically do not smoke everyday. The vast majority of American Indian middle school students who currently smoke, report smoking on only 1-5 days per month (78.2%).

Table 3.3
Current use of an electronic vapor product*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	13.1%	(11.1-15.5)	12.3%	(11.0-13.7)
Gender				
Male	12.2%	(9.8-15.0)	13.6%	(11.9-15.5)
Female	14.1%	(10.9-17.9)	11.0%	(9.4-12.8)
Grade				
6th Grade	5.2%	(3.2-8.6)	5.4%	(4.2-7.0)
7th Grade	13.1%	(10.0-17.1)	11.9%	(9.7-14.5)
8th Grade	19.8%	(16.0-24.1)	17.4%	(15.4-19.6)

*past 30 days

Approximately 1 in 8 American Indian middle school students in NM (13.1%) currently use an electronic vapor product, such as an e-cigarette. The rate of electronic vapor product use increases significantly by grade level from 6th grade (5.2%) to 8th grade (19.8%).

Table 3.4
Cigar use during the past 30 days

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	4.5%	(3.6-5.7)	3.4%	(2.9-4.0)
Gender				
Male	4.6%	(3.4-6.2)	4.1%	(3.4-5.0)
Female	4.5%	(3.1-6.3)	2.7%	(2.1-3.5)
Grade				
6th Grade	2.3%	(1.1-4.7)	2.0%	(1.4-3.0)
7th Grade	3.9%	(2.7-5.7)	3.2%	(2.4-4.3)
8th Grade	6.8%	(4.8-9.4)	4.5%	(3.6-5.6)

Less than 5% of American Indian middle school students in NM used cigars during the past 30 days. This rate did not differ significantly by race or gender. The prevalence of cigar use during the past 30 days increases significantly by increasing grade level, from 2.3% among American Indian 6th grade students to 6.8% among American Indian 8th grade students.

Table 3.5
Use of spit tobacco during the past 30 days

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	3.9%	(2.9-5.4)	2.9%	(2.4-3.5)
Gender				
Male	4.0%	(2.9-5.6)	3.9%	(3.1-4.8)
Female	3.8%	(2.3-6.3)	1.9%	(1.3-2.6)
Grade				
6th Grade	1.8%	(0.9-3.4)	1.2%	(0.8-1.9)
7th Grade	3.8%	(2.2-6.5)	2.5%	(1.7-3.4)
8th Grade	5.9%	(3.9-8.8)	4.4%	(3.4-5.6)

On average, less than 5% of American Indian middle school students in New Mexico currently use spit tobacco. The rate of use increases by grade level from 1.8% among American Indian 6th grade students to 5.9% among American Indian 8th grade students.

Table 3.6
Current smokers who tried to quit smoking in the past 12 months

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	72.4%	(61.1-81.5)	54.9%	(46.8-62.7)
Gender				
Male	71.4%	(54.6-83.9)	49.9%	(37.1-62.7)
Female	74.2%	(58.3-85.6)	61.0%	(51.7-69.5)
Grade				
6th Grade	80.0%	(not stable)	84.8%	(59.7-95.5)
7th Grade	77.0%	(49.3-92.0)	52.9%	(39.5-65.9)
8th Grade	68.0%	(47.6-83.2)	49.1%	(39.1-59.2)

The majority of American Indian middle school students who currently smoke (72.4%), tried to quit in the past 12 months. Assisting youth in successfully quitting commercial tobacco use may therefore be an important public health intervention.

Table 3.7
Current flavored tobacco product use among current smokers*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	55.1%	(41.9-67.7)	64.2%	(55.5-72.1)
Gender				
Male	65.0%	(45.3-80.1)	67.5%	(56.3-77.0)
Female	45.3%	(25.5-66.8)	60.5%	(48.1-71.7)
Grade				
6th Grade	44.3%	unstable	53.4%	(10.5-91.8)
7th Grade	58.3%	(31.5-81.0)	61.0%	(46.0-74.2)
8th Grade	54.3%	(32.4-74.6)	69.1%	(59.2-77.5)

*Past 30 days

More than one-half of American Indian middle school students who currently smoke, use flavored tobacco products (55.1%). Overall, the prevalence of smoking flavor tobacco products does not differ significantly by gender, race or grade level.

SECONDHAND SMOKE EXPOSURE

Table 4.1
At home with someone else who was smoking in the past 7 days.

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	11.3%	(9.4-13.6)	9.0%	(8.2-9.9)
Gender				
Male	11.5%	(9.4-14.0)	9.5%	(8.3-10.8)
Female	11.1%	(8.5-14.4)	8.5%	(7.4-9.8)
Grade				
6th Grade	10.9%	(7.6-15.2)	9.4%	(7.6-11.5)
7th Grade	11.6%	(8.7-15.3)	9.4%	(8.0-11.0)
8th Grade	10.4%	(7.7-13.9)	8.2%	(7.1-9.5)

Slightly more than 1 in 10 American Indian middle school students in New Mexico (11.3%) were exposed to second hand smoke in their home in the past 7 days.

ATTITUDES & BELIEFS ABOUT SMOKING

Table 5.1
Will try smoking in the next year*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	12.3%	(10.4-14.5)	7.8%	(6.9-8.8)
Gender				
Male	12.9%	(10.3-16.0)	8.0%	(6.7-9.6)
Female	11.7%	(9.2-14.9)	7.6%	(6.4-8.9)
Grade				
6th Grade	6.6%	(4.4-9.9)	4.5%	(3.5-5.9)
7th Grade	13.0%	(10.3-16.4)	8.1%	(6.7-9.8)
8th Grade	15.9%	(12.5-19.9)	9.6%	(8.0-11.5)

*Excludes those that already tried smoking

About 1 in 8 American Indian middle school students (12.3%) indicated that they would try smoking a cigarette in the next year. This rate was higher than the statewide rate for middle school students (7.8%). Overall, the prevalence of students who would try smoking a cigarette in the next year increases from sixth to eighth grade, from 6.6% among American Indian 6th grade students to 15.9% among American Indian 8th grade students.

Table 5.2
Would smoke a cigarette if best friend offered*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	11.9%	(10.1-14.0)	8.2%	(7.2-9.3)
Gender				
Male	11.7%	(9.4-14.5)	8.5%	(7.2-10.1)
Female	12.1%	(9.5-15.4)	7.9%	(6.7-9.3)
Grade				
6th Grade	6.3%	(4.3-9.4)	4.3%	(3.3-5.7)
7th Grade	11.7%	(9.3-14.6)	9.6%	(7.8-11.6)
8th Grade	17.3%	(13.8-21.3)	9.7%	(8.0-11.6)

*Definitely or probably

About 1 in 9 American Indian middle school students (11.9%) would definitely or probably smoke a cigarette if offered one by their best friend. This rate exceeded the statewide rate of 8.2%. The percentage of American Indian middle school students who would smoke if a best friend offered did not differ significantly by gender, but increased by grade from 6.3% among American Indian 6th grade students to 17.3% among American Indian 8th grade students.

HIGH SCHOOL

USE OF ANY TOBACCO

Table 6.1
Current use of any tobacco product*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	35.9%	(32.3-39.6)	32.1%	(30.3-34.0)
Gender				
Male	39.9%	(35.0-45.0)	36.5%	(34.1-38.9)
Female	31.6%	26.9-36.6)%	27.6%	(25.7-29.6)
Grade				
9th Grade	32.2%	(26.6-38.3)	27.8%	(25.2-30.6)
10th Grade	32.0%	(26.2-38.5)	28.6%	(25.9-31.4)
11th Grade	43.8%	(36.4-51.5)	35.0%	(32.1-38.0)
12th Grade	36.3%	(27.9-45.7)	39.3%	(35.6-43.0)

*Cigarettes, hookah, cigars or spit tobacco

Slightly more than 1 in 3 American Indian high school students (35.9%) currently use at least one type of tobacco product. More American Indian male students currently use tobacco (39.9%) compared to American Indian female students (31.6%).

EVER SMOKED

Table 7.1
Ever smoked cigarettes

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	48.0%	(44.2-51.8)	39.3%	(37.3-41.4)
Gender				
Male	45.9%	(40.0-51.8)	40.2%	(37.7-42.8)
Female	50.4%	(46.3-54.5)	38.3%	(36.1-40.5)
Grade				
9th Grade	37.4%	(31.5-43.6)	30.6%	(27.8-33.5)
10th Grade	44.1%	(38.0-50.4)	36.8%	(34.1-39.6)
11th Grade	58.6%	(51.6-65.3)	43.1%	(39.5-46.8)
12th Grade	57.2%	(50.9-63.3)	50.7%	(47.6-53.7)

Almost one-half of American Indian high school students (48%) have ever smoked cigarettes. This rate significantly exceeds the NM statewide rate (39.3%). The rate also increases with increasing grade level, from 37.4% of American Indian 9th grade students to 57.2% of American Indian 12th grade students.

SMOKED WHOLE CIGARETTE BEFORE AGE 13

Table 7.2
Smoked whole cigarette before 13 years of age

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	15.3%	(12.7-18.3)	10.0%	(9.0-11.0)
Gender				
Male	15.5%	(11.9-19.8)	11.3%	(10.1-12.6)
Female	15.1%	(12.1-18.8)	8.6%	(7.6-9.8)
Grade				
9th Grade	13.9%	(9.7-19.6)	9.2%	(7.9-10.8)
10th Grade	14.5%	(10.7-19.3)	10.4%	(8.9-12.0)
11th Grade	17.7%	(12.2-25.0)	10.4%	(8.6-12.5)
12th Grade	14.5%	(10.5-19.6)	9.7%	(8.2-11.4)

More than 1 in 7 American Indian high school students (15.3%) smoked a whole cigarette before age 13. This rate exceeds the statewide rate of 10.0%. Few differences were observed by gender or grade level.

CURRENT SMOKERS

Table 8.1
Current cigarette use in the past 30 days

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	15.9%	(13.8-18.4)	11.0%	(10.0-12.1)
Gender				
Male	18.1%	(14.7-22.1)	12.5%	(11.2-13.8)
Female	13.7%	(11.3-16.5)	9.5%	(8.4-10.7)
Grade				
9th Grade	10.2%	(7.3-14.0)	7.1%	(5.9-8.4)
10th Grade	14.7%	(10.5-20.2)	9.5%	(8.2-10.9)
11th Grade	22.4%	(18.4-26.9)	13.2%	(11.2-15.4)
12th Grade	18.0%	(13.6-23.3)	15.7%	(13.9-17.7)

About 1 in 6 (15.9%) American Indian high school students currently smoke cigarettes. This rate exceeds the statewide rate of 11.0%. More American Indian male high school students currently smoke cigarettes (18.1%) than females (13.7%). The rate increases from 10.2% among 9th grade students to 22.4% and 18.0% among 11th and 12th grade students respectively.

Table 8.2
Days smoked cigarettes in the past 30 days among current smokers*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall				
1-5 days	66.2%	(59.8-71.9)	55.9%	(52.7-59.0)
6-19 days	22.7%	(17.0-29.7)	21.8%	(19.3-24.5)
20-30 days	11.1%	(7.0-17.2)	22.3%	(19.7-25.2)
Male				
1-5 days	62.0%	(52.7-70.4)	53.3%	(48.8-57.8)
6-19 days	24.3%	(16.9-33.6)	21.4%	(18.3-24.9)
20-30 days	13.7%	(7.8-23.1)	25.3%	(21.5-29.5)
Female				
1-5 days	72.1%	(60.8-81.1)	58.9%	(54.3-63.3)
6-19 days	20.5%	(11.9-32.8)	22.7%	(18.7-27.2)
20-30 days	7.5%	(3.5-14.9)	18.4%	(15.3-22.0)

*Excludes non-smokers

Most American Indian high school students who currently smoke cigarettes, do not smoke every day. Among current smokers, 66.2% of American Indian high school students smoked on only 1-5 days of the month, and only 11.1% smoked on 20-30 days per month. On average, among current smokers, American Indian high school students smoke on fewer days per month compared to the NM statewide rate.

Table 8.3
Heavy cigarette smoking among current smokers (smoked 11 or more cigarettes/day)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	2.0%	(0.6-6.6)	6.5%	(5.0-8.5)
Gender				
Male	3.4%	(1.0-11.2)	9.0%	(6.6-12.1)
Female	0.1%	(0.0-0.1)	3.3%	(2.0-5.3)
Grade				
9th Grade	5.0%	(0.6-31.1)	7.7%	(4.3-13.2)
10th Grade	0.5%	(0.1-2.1)	6.3%	(3.8-10.4)
11th Grade	2.5%	(0.4-13.3)	6.2%	(4.1-9.1)
12th Grade	0.3%	(0.0-2.3)	4.2%	(2.4-7.2)

Very few (2.0%) American Indian high school students who currently smoke, are heavy cigarette smokers (smoke 11 or more cigarettes per day). Significantly more American Indian male high school students are heavy smokers (3.4%) compared to American Indian female high school students (0.1%).

Table 8.4
Ever used an electronic vapor product

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	47.2%	(42.1-52.3)	52.9%	(50.8-54.9)
Gender				
Male	45.5%	(40.0-51.1)	54.5%	(52.0-57.0)
Female	49.1%	(42.2-55.9)	51.2%	(49.0-53.4)
Grade				
9th Grade	36.6%	(30.0-43.9)	45.1%	(41.6-48.7)
10th Grade	45.9%	(38.6-53.4)	51.0%	(47.7-54.3)
11th Grade	56.3%	(47.0-65.2)	57.6%	(54.5-60.6)
12th Grade	55.0%	(47.5-62.7)	61.1%	(57.8-64.3)

Almost one-half of American Indian high school students (47.2%) have ever used an electronic vapor product, such as an e-cigarette. There are no significant differences in use of electronic vapor products by gender or race. However, electronic vapor product use does increase with increasing grade level, from 36.6% among 9th grade American Indian students to 55.0% among American Indian 12th grade students.

Table 8.5
Current electronic vapor product use (past 30 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	22.3%	(19.1-25.9)	23.1%	(21.7-24.6)
Gender				
Male	22.3%	(18.7-26.4)	25.5%	(23.7-27.3)
Female	22.3%	(17.6-27.9)	20.6%	(19.0-22.4)
Grade				
9th Grade	20.9%	(17.0-25.4)	21.5%	(19.3-23.9)
10th Grade	20.6%	(15.8-26.4)	21.0%	(18.9-23.3)
11th Grade	26.3%	(20.3-33.3)	25.0%	(22.6-27.6)
12th Grade	21.8%	(13.7-33.0)	25.7%	(22.9-28.6)

More than 1 in 5 American Indian high school students (22.3%) currently use electronic vapor products, such as e-cigarettes. This rate does not differ significantly by gender, race or grade level.

Table 8.6
Flavored tobacco use among current smokers (past 30 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	66.6%	(57.7-74.4)	73.0%	(69.7-76.0)
Gender				
Male	64.4%	(54.9-72.9)	71.5%	(67.3-75.4)
Female	69.5%	(55.8-80.5)	74.8%	(70.2-79.0)
Grade				
9th Grade	49.9%	(33.0-66.8)	68.0%	(60.4-74.8)
10th Grade	79.3%	(63.5-89.5)	74.9%	(69.0-80.0)
11th Grade	66.8%	(46.3-82.5)	75.7%	(68.8-81.4)
12th Grade	70.8%	(59.6-80.0)	71.7%	(66.8-76.2)

Two-thirds of American Indian high school students who currently smoke cigarettes (66.6%) use flavored tobacco products. This rate does not differ significantly by gender, race or grade level.

Table 8.7
Current use of spit tobacco* (past 30 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	9.7%	(7.7-12.1)	7.8%	(7.0-8.7)
Gender				
Male	14.0%	(10.7-18.0)	12.6%	(11.3-13.9)
Female	5.1%	(3.5-7.3)	2.8%	(2.3-3.4)
Grade				
9th Grade	9.5%	(6.5-13.6)	5.9%	(5.0-7.0)
10th Grade	9.3%	(6.1-13.9)	6.8%	(5.7-8.1)
11th Grade	11.0%	(7.1-16.8)	8.3%	(7.0-9.8)
12th Grade	8.8%	(5.8-12.3)	10.7%	(8.7-13.1)

*Chewing tobacco, snuff or dip

About 1 in 10 American Indian high school students (9.7%) currently use spit tobacco. Significantly more American Indian male students (14.0%) use spit tobacco products than American Indian female high school students (5.1%). The rate for American Indian high school students stays relatively consistent across all grade levels.

Table 8.8
Current cigar/cigarillo use (past 30 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	11.9%	(10.1-13.9)	10.1%	(9.2-11.1)
Gender				
Male	15.2%	(12.4-18.5)	13.2%	(11.9-14.7)
Female	8.4%	(6.4-10.8)	6.7%	(5.9-7.7)
Grade				
9th Grade	8.7%	(6.2-12.0)	6.6%	(5.6-7.7)
10th Grade	10.5%	(7.4-14.7)	9.0%	(7.5-10.7)
11th Grade	15.2%	(11.6-19.6)	10.5%	(9.0-12.2)
12th Grade	14.9%	(9.9-21.7)	15.3%	(13.1-17.8)

More than 1 in 10 American Indian high school students (11.9%) currently use cigars or cigarillos. Significantly more American Indian male students (15.2%) use spit tobacco products than American Indian female high school students (8.4%). Current use of cigars/cigarillos increases with increasing grade level.

Table 8.9
Current hookah use (past 30 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	15.1%	(13.0-17.4)	13.2%	(12.3-14.2)
Gender				
Male	16.6%	(13.4-20.3)	14.3%	(13.0-15.7)
Female	13.5%	(10.7-16.9)	12.0%	(10.9-13.1)
Grade				
9th Grade	13.2%	(9.6-17.8)	10.7%	(9.5-12.2)
10th Grade	14.4%	(10.9-18.8)	12.1%	(10.5-14.0)
11th Grade	19.9%	(15.3-25.6)	14.4%	(12.8-16.2)
12th Grade	11.5%	(7.9-16.4)	16.0%	(13.9-18.3)

More than 1 in 7 American Indian high school students (15.1%) used a hookah to smoke in the past 30 days. This rate does not differ significantly by grade, gender or race. A hookah is a water pipe used to smoke specially made tobacco that comes in different flavors. Hookah smoking is typically done in groups, with the same pipe passed from person to person. Hookah smoking is NOT a safe alternative to smoking cigarettes.

Table 8.10
Tried to quit smoking among current smokers*

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	57.8%	(49.8-65.4)	52.5%	(49.3-55.6)
Gender				
Male	54.6%	(45.4-63.5)	50.6%	(46.2-54.9)
Female	62.5%	(50.3-73.3)	55.6%	(50.6-60.4)
Grade				
9th Grade	59.2%	(38.7-76.8)	49.9%	(43.0-56.8)
10th Grade	54.4%	(36.2-71.5)	51.9%	(44.4-59.4)
11th Grade	57.3%	(43.0-70.4)	54.2%	(47.8-60.5)
12th Grade	58.7%	(44.9-71.2)	53.5%	(48.1-58.9)
<i>*In the past 12 months</i>				

Among American Indian high school students who currently smoke, more than one-half (57.8%) tried to quit in the past 12 months. Assisting youth in successfully quitting commercial tobacco use may therefore be an important public health intervention.

SECONDHAND SMOKE

Table 9.1
In the same room with someone who was smoking cigarettes (past 7 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	26.0%	(23.3-28.8)	34.5%	(33.1-35.9)
Gender				
Male	25.2%	(21.5-29.3)	32.7%	(31.0-34.3)
Female	26.8%	(23.4-30.6)	36.3%	(34.5-38.2)
Grade				
9th Grade	25.3%	(20.7-30.6)	33.1%	(30.9-35.3)
10th Grade	24.1%	(19.2-29.7)	33.1%	(30.9-35.5)
11th Grade	27.8%	(21.4-35.3)	34.0%	(31.3-36.9)
12th Grade	27.6%	(20.9-35.4)	38.5%	(36.0-41.1)

More than one quarter (26.0%) of American Indian high school students were in the same room with someone who was smoking cigarettes in the past 7 days. This rate is significantly lower than the statewide rate of 34.5%. Significant differences were not observed by grade level or gender.

Table 9.2
In the same home with someone who was smoking tobacco products (past 7 days)

	AI-NM (%)		NM (%)	
	Percent	95% CI	Percent	95% CI
Overall	15.4%	(13.3-17.7)	19.2%	(18.1-20.2)
Gender				
Male	14.9%	(12.3-17.9)	19.0%	(17.7-20.3)
Female	16.0%	(12.7-19.9)	19.2%	(17.7-20.8)
Grade				
9th Grade	16.1%	(12.4-20.5)	18.9%	(17.2-20.7)
10th Grade	13.6%	(11.0-16.8)	19.6%	(17.8-21.5)
11th Grade	17.4%	(14.0-21.4)	19.0%	(17.3-20.8)
12th Grade	14.1%	(9.7-20.0)	18.6%	(16.9-20.4)

About 1 in 7 American Indian high school students (15.4%) lived in the same home as someone who was smoking tobacco products in the past week. This percentage was slightly lower than the statewide rate (19.2%). The rate did not differ significantly by gender or grade level.



Albuquerque Area Southwest Tribal Epidemiology Center
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