

Appendix

Table I. Percentages of LGBTQ+ current or former smokers on age first smoked a whole cigarette by sexual and gender minority status, race/ethnicity and current age groups across age group when first smoked

	0 – 12 % (95% Confidence Interval)	13 – 17 % (95% Confidence Interval)	18 – 24 % (95% Confidence Interval)	25 – 30 % (95% Confidence Interval)	31+ % (95% Confidence Interval)
Overall LGBTQ+ Current or Former Smoker population	15.1 (9.3 – 20.8)	50.7 (43.6 – 57.8)	29.9 (22.9 – 36.9)	3.2 (1.6 – 4.8)	1.1 (0.2 – 2.1)
SGM Status					
Transgender or Genderqueer	18.1 (!) (0.0 – 36.6)	45.1 (25.0 – 65.3)	29.3 (!) (8.3 – 50.3)	5.4 (!) (0.0 – 12.0)	2.1 (!) (0.2 – 2.1)
Gay or Lesbian	14.3 (6.4 – 22.2)	51.8 (41.9 – 61.7)	30.2 (20.7 – 39.7)	3.3 (!) (1.2 – 5.5)	0.4 (!) (0.0 – 0.8)
Bisexual	15.2 (!) (5.9 – 24.6)	50.8 (39.1 – 62.5)	29.6 (18.5 – 40.7)	2.5 (!) (0.5 – 4.6)	1.8 (!) (0.0 – 3.7)
Race or Ethnicity					
Latinx	11.4 (!) (2.8 – 19.9)	51.9 (36.3 – 67.5)	33.9 (18.3 – 49.5)	2.8 (!) (0.2 – 5.4)	.
White (NL)	17.3 (8.4 – 26.2)	52.3 (43.6 – 61.0)	25.8 (18.2 – 33.5)	3.3 (!) (1.0 – 5.6)	1.3 (!) (0.1 – 2.5)
Black or African American (NL)	12.4 (!) (0.0 – 27.8)	38.7 (!) (10.4 – 67.0)	42.2 (!) (16.6 – 67.9)	6.7 (!) (0.0 – 15.5)	.
Asian (NL)	9.1 (!) (0.0 – 24.0)	43.1 (19.6 – 66.5)	40.6 (17.3 – 64.0)	3.5 (!) (0.0 – 10.6)	3.7 (!) (0.0 – 1.6)
Other (NL)	22.8 (!) (5.0 – 40.5)	42.1 (23.2 – 60.9)	27.6 (!) (9.6 – 45.5)	3.5 (!) (0.0 --10.6)	4.0 (!) (0.0 – 12.1)
Age Group					
18 to 24	17.5 (!) (0.0 – 35.9)	62.4 (37.6 – 87.1)	20.2 (!) (2.3 – 38.1)	.	.

25 to 49	14.4 (6.4 – 22.4)	49.0 (38.7 – 59.4)	32.4 (22.0 – 42.9)	3.7 (!) (1.2 – 6.2)	0.4 (!) (0.0 – 1.2)
50 to 64	10.8 (!) (4.1 – 17.5)	52.2 (38.3 – 66.2)	30.7 (17.5 – 44.0)	3.4 (!) (0.3 – 6.5)	2.8 (!) (0.0 – 5.8)
65 and over	23.0 (!) (2.9 – 43.1)	47.0 (33.0 – 61.0)	25.1 (13.4 – 36.7)	3.3 (!) (0.1 – 6.4)	1.7 (!) (0.0 – 4.4)

! = Statistically unstable estimate

NL = Non-Latinx

Table II. Prevalence of current use of big cigars, little cigars, hookah, heated tobacco and smokeless tobacco (chewing tobacco, snuff or snus) by SGM status, race or ethnicity, age, and educational attainment among LGBTQ+ adults

	Other Tobacco Products* % (95% Confidence Interval)	Big Cigars % (95% Confidence Interval)	Little Cigars or Cigarillos % (95% Confidence Interval)	Hookah % (95% CI) % (95% Confidence Interval)	Heated Tobacco Products % (95% Confidence Interval)	Chewing Tobacco, Snuff or Snus % (95% Confidence Interval)	Nicotine Pouch % (95% Confidence Interval)
Overall LGBTQ+ Population	3.8 (2.4 – 5.2)	1.3 (0.7 – 1.8)	1.4 (0.8 – 2.1)	1.4 (0.7 – 2.0)	1.0 (0.5 – 1.4)	1.4 (!) (0.5 – 2.3)	1.0 (!) (0.4 – 1.7)
SGM Status							
Transgender or Genderqueer	8.6 (!) (1.0 – 16.5)	0.3 (!) (0.0 – 0.8)	2.0 (!) (0.1 – 3.8)	2.9 (!) (0.0 – 6.6)	1.6 (!) (0.0 – 3.4)	5.3 (!) (0.0 – 11.8)	1.0 (0.0 – 2.3)
Gay or Lesbian	2.1 (!) (0.6 – 3.5)	0.4 (!) (0.0 – 0.9)	0.2 (!) (0.0 – 0.4)	0.8 (!) (0.1 – 1.3)	0.4 (!) (0.0 – 0.7)	0.3 (!) (0.0 – 0.5)	0.8 (0.0 – 2.0)
Bisexual	4.5 (2.7 – 6.3)	2.6 (1.3 – 3.7)	2.8 (1.3 – 4.3)	1.7 (0.7 – 2.7)	1.5 (0.7 – 2.4)	1.6 (!) (0.6 – 2.5)	1.2 (0.5 – 2.0)
Race or Ethnicity							
Latinx	3.4 (!) (1.2 – 5.7)	1.2 (!) (0.3 – 2.1)	1.3 (!) (0.4 – 2.2)	1.1 (!) (0.4 – 1.9)	0.9 (!) (0.2 – 1.6)	1.9 (!) (0.0 – 4.0)	0.8 (!) (0.1 – 1.4)
White (NL)	3.8 (1.7 – 5.8)	1.2 (0.6 – 1.9)	1.1 (0.5 – 1.8)	1.8 (!) (0.4 – 3.1)	0.9 (!) (0.3 – 1.6)	1.0 (!) (0.4 – 1.7)	1.4 (!) (0.0 – 2.9)
Black or African American (NL)	7.9 (!) (0.5 – 15.4)	1.5 (!) (0.0 – 4.7)	3.5 (!) (0.0 – 8.7)	4.1 (0.0 – 9.7)	2.3 (!) (0.0 – 5.5)	3.5 (!) (0.0 – 8.7)	0.9 (!) (0.0 – 2.8)
Asian (NL)	3.3 (!) (0.0 – 7.9)	0.9 (!) (0.0 – 2.3)	3.0 (!) (0.0 – 7.6)	0.7 (!) (0.0 – 2.0)	0.9 (!) (0.0 – 2.2)	0.7 (!) (0.0 – 2.0)	0.9 (!) (0.0 – 2.3)
Other (NL)	4.1 (!) (0.0 – 8.4)	2.4 (!) (0.0 – 6.4)	0.9 (!) (0.0 – 2.0)	0.1 (!) (0.0 – 0.3)	0.8 (!) (0.0 – 2.0)	0.3 (!) (0.0 – 0.8)	0.4 (!) (0.0 – 1.30)
Age							
18 to 24	2.8 (!) (0.6 – 5.0)	1.3 (!) (0.0 – 2.6)	0.9 (!) (0.0 – 1.7)	1.6 (!) (0.0 – 3.6)	0.9 (!) (0.0 – 1.9)	0.7 (!) (0.0 – 1.5)	0.3 (!) (0.0 – 0.8)
25 to 49	4.7	1.3	1.6 (!)	36.0	1.3	2.0 (!)	1.7 (!)

	(2.5 – 7.0)	(0.0 – 1.9)	(0.6 – 2.7)	(14.9 – 57.1)	(0.7 – 2.0)	(0.4 – 3.6)	(0.5 – 2.9)
50 to 64	2.4 (!)	1.7 (!)	0.5 (!)	3.5 (!)	0.3 (!)	0.4 (!)	0.3 (!)
	(0.7 – 4.2)	(0.1 – 3.3)	(0.0 – 2.0)	(0.0 – 13.6)	(0.0 – 0.7)	(0.0 – 0.9)	(0.9 – 0.8)
65 and over	3.0 (!)	0.5 (!)	2.5 (!)	38.1 (!)	.	1.1 (!)	.
	(0.0 – 6.2)	(0.0 – 1.2)	(0.0 – 5.7)	(0.0 – 97.5)	.	(0.0 – 3.0)	.
Education							
Less than high school	9.8 (!)	2.8 (!)	2.8 (!)	2.8 (!)	28.6 (!)	9.8 (!)	1.6 (!)
	(0.0 – 23.9)	(0.0 – 7.0)	(0.0 – 7.0)	(0.0 – 7.0)	(0.0 – 100.0)	(0.0 – 23.9)	(0.0 – 4.9)
High school graduate	4.4 (!)	1.3 (!)	1.6 (!)	1.4 (!)	17.8 (!)	0.2 (!)	0.6 (!)
	(1.6 – 7.2)	(0.0 – 2.8)	(0.2 – 3.0)	(0.0 – 3.6)	(0.0 – 40.2)	(0.0 – 0.6)	(0.0 – 1.3)
Associate's or equivalent degree	7.1 (!)	1.3 (!)	4.2 (!)	2.5 (!)	19.9 (!)	3.3 (!)	1.7 (!)
	(1.7 – 12.5)	(0.0 – 2.7)	(0.0 – 9.1)	(0.0 – 5.1)	(0.0 – 43.1)	(0.4 – 6.1)	(0.0 – 3.5)
Some college	1.8 (!)	1.4 (!)	0.2 (!)	0.4 (!)	11.9 (!)	0.2 (!)	0.2 (!)
	(0.3 – 3.2)	(0.0 – 2.8)	(0.0 – 0.6)	(0.0 – 0.9)	(0.0 – 38.1)	(0.0 – 0.6)	(0.0 – 0.6)
College graduate or higher	2.9	1.0	1.1	1.3	35.3	0.9	1.3 (!)
	(1.3 – 4.4)	(0.4 – 1.6)	(0.5 – 1.8)	(0.6 – 2.1)	(11.6 – 59.0)	(0.4 – 1.3)	(0.1 – 2.5)

! = Statistically unstable estimate

NL = Non-Latinx

* = tobacco products other than cigarettes or vaping products in general

Table III. Percentages of LGBTQ+ smokers regarding when they plan to quit smoking by SGM status, race or ethnicity, and age

	Next 30 Days % (95% Confidence Interval)	Next 3 Months % (95% Confidence Interval)	Next 6 Months % (95% Confidence Interval)	Next Year % (95% Confidence Interval)	Do Not Have Plans % (95% Confidence Interval)
LGBTQ+ Smokers	12.2 (7.2 – 17.3)	16.4 (!) (6.4 – 26.4)	12.5 (6.3 – 18.6)	22.8 (12.1 – 33.6)	36.0 (26.8 – 45.2)
SGM status					
Transgender or Genderqueer	8.5 (!) (0.0 – 21.2)	13.4 (!) (0.0 – 28.0)	7.8(!) (0.0 – 19.3)	13.6 (!) (0.0 – 28.4)	56.6 (33.0 – 80.1)
Gay or Lesbian	14.1 (6.1 – 22.01)	13.0 (!) (2.9 – 23.2)	13.3 (!) (1.2 – 25.4)	16.9 (7.9 – 25.9)	42.7 (27.5 – 57.9)
Bisexual	12.2 (5.0 – 19.3)	19.2 (!) (3.1 – 35.4)	13.2 (!) (4.4 – 22.1)	29.0 (!) (10.4 – 46.6)	26.2 (14.4 – 38.2)
Race or ethnicity					
Latinx	3.4 (!) (0.0 – 7.8)	29.1 (!) (6.0 – 52.2)	13.8 (!) (0.0 – 28.0)	18.0 (!) (0.0 – 40.8)	35.6 (15.6 – 55.6)
White (NL)	12.6 (5.8 – 19.4)	8.7 (!) (1.9 – 15.6)	14.5 (!) (4.8 – 24.3)	27.4 (12.9 – 42.0)	36.6 (23.6 – 50.1)
Black or African American (NL)	45.7 (!) (13.0 – 78.5)	23.0 (!) (0.0 – 52.1)	2.3 (!) (0.0 – 9.1)	7.6 (!) (0.0 – 25.8)	21.3 (!) (0.0 – 46.4)
Asian (NL)	25.9 (!) (0.0 – 56.1)	11.7 (!) (0.0 – 29.2)	6.4 (!) (0.0 – 22.0)	8.9 (!) (0.0 – 27.4)	47.0 (!) (9.6 – 84.5)
Other (NL)	16.6 (!) (0.0 – 34.0)	8.5 (!) (0.0 – 21.8)	6.0 (!) (0.0 – 18.0)	38.6 (!) (11.3 – 65.8)	30.3 (!) (7.7 – 53.0)
Age					
18 to 24	13.6 (!) (0.0 – 30.4)	6.5 (!) (0.0 – 18.2)	.	44.2 (!) (4.3 – 84.1)	35.6 (!) (6.1 – 65.2)
25 to 49	10.6 (4.6 – 16.7)	21.4 (!) (6.4 – 36.4)	19.6 (!) (9.3 – 29.9)	18.8 (10.5 – 27.1)	29.5 (17.9 – 41.2)
50 to 64	18.8 (!) (4.8 – 32.7)	17.3 (!) (0.2 – 34.3)	8.1 (!) (0.0 – 18.1)	11.1 (!) (1.8 – 20.3)	44.7 (25.6 – 63.8)

65 and over	3.9 (!) (0.0 – 10.3)	1.3 (!) (0.0 – 2.9)	.	16.3 (!) (0.0 – 34.4)	78.4 (59.1 – 97.8)
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! = Statistically unstable estimate

NL = Non-Latinx

Table IV. Percentages of LGBTQ+ smokers' fears of quitting for good by SGM status, race or ethnicity, and age

	Withdrawal Symptoms % (95% CI)	Weight Gain % (95% CI)	Decrease in Social Interaction with Peers % (95% CI)	Relapse or Not Being Able to Reach Cessation % (95% CI)	Use or Increased Use of other Substance % (95% CI)	No Fear % (95% CI)	Other % (95% CI)
LGBTQ+ Smokers	29.3 (18.9 – 39.7)	13.9 (8.6 – 19.2)	6.2 (0.0 – 14.9)	7.1 (3.3 – 10.9)	6.3 (1.8 – 10.9)	34.4 (24.3 – 44.5)	2.9 (0.0 – 5.8)
SGM Status							
Transgender or Genderqueer	29.0 (!) (7.2 – 50.8)	11.6 (!) (0.0 – 24.7)	1.3 (!) (0.0 – 4.5)	13.3 (!) (0.0 – 29.0)	10.5 (!) (0.0 – 24.2)	34.2 (!) (7.1 – 61.2)	.
Gay or Lesbian	24.1 (11.6 – 36.6)	19.4 (!) (7.9 – 30.9)	0.4 (!) (0.0 – 1.1)	4.1 (!) (0.7 – 7.6)	9.2 (!) (0.0 – 19.2)	37.7 (23.4 – 52.0)	5.1 (!) (0.0 – 11.0)
Bisexual	32.6 (15.3 – 49.8)	11.0 (!) (3.8 – 18.3)	11.0 (!) (0.0 – 26.6)	7.2 (!) (1.6 – 12.9)	3.4 (!) (0.0 – 8.5)	32.5 (16.1 – 48.8)	2.3 (!) (0.0 – 6.9)
Race or Ethnicity							
Latinx	28.0 (!) (5.1 – 50.9)	5.4 (!) (2.1 – 23.3)	14.4 (!) (0.0 – 37.8)	7.8 (!) (0.0 – 15.7)	11.4 (!) (0.0 – 24.1)	25.7 (!) (8.7 – 42.6)	.
White (NL)	28.2 (15.9 – 40.5)	4.5 (!) (8.3 – 26.0)	2.2 (!) (0.0 – 4.9)	6.9 (!) (1.9 – 12.0)	3.7 (!) (0.0 – 7.9)	35.6 (20.7 – 50.5)	6.2 (!) (0.0 – 12.5)
Black or African American (NL)	16.5 (!) (0.0 – 43.1)	12.1 (!) (0.0 – 40.0)	.	7.6 (!) (0.0 – 25.8)	16.1 (!) (0.0 – 44.3)	43.6 (!) (8.3 – 79.0)	.
Asian (NL)	24.8 (!) (0.0 – 53.5)	.	3.3 (!) (0.0 – 11.8)	9.0 (!) (0.0 – 27.8)	.	62.8 (28.5 – 97.1)	.
Other (NL)	52.2 (!) (27.2 – 77.2)	8.9 (!) (0.0 – 30.3)	.	3.1 (!) (0.0 – 9.5)	1.9 (!) (0.0 – 6.1)	30.0 (!) (9.3 – 50.7)	.
Age							
18 to 24	10.7 (!) (0.0 – 27.5)	.	25.1 (!) (0.0 – 59.1)	3.5 (!) (0.0 – 12.3)	0.7 (!) (0.0 – 2.6)	54.5 (!) (21.7 – 87.2)	5.6 (!) (0.0 – 17.0)
25 to 49	38.7	15.5 (!)	0.2 (!)	9.6 (!)	8.3 (!)	25.2	2.5

	(24.3 – 53.0)	(7.8 – 32.2)	(0.0 – 0.8)	(4.1 – 15.0)	(1.7 – 14.8)	(15.2 – 35.3)	(0.0 – 5.7)
50 to 64	23.6 (!) (8.9 – 38.2)	25.9 (!) (8.4 – 43.3)	.	5.7 (!) (0.0 – 13.1)	8.6 (!) (0.0 – 24.5)	35.3 (16.6 – 54.1)	1.0 (!) (0.0 – 2.6)
65 and over	22.4 (!) (2.4 – 42.5)	14.9 (!) (0.0 – 33.7)	11.5 (!) (0.0 – 29.4)	0.5 (!) (0.0 – 1.6)	1.5 (!) (0.0 – 5.8)	47.7 (20.7 – 74.7)	1.4 (!) (0.0 – 5.0)

! = Statistically Unstable Estimate

NL = Non-Latinx

Table. Percentages of LGBTQ adults who agree or strongly agree and disagree or strongly disagree on attitudes questions regarding tobacco, tobacco industry, and tobacco use by SGM status

	Vaping, Juuling, and E-Cigarettes are a Health Threat to the LGBTQ Community %		Tobacco Advertising Targets the LGBTQ Community %		LGBTQ+ People Smoke More Than General Population %	
	(95% Confidence Interval)		(95% Confidence Interval)		(95% Confidence Interval)	
	Agree or Strongly Agree	Disagree or Strongly Disagree	Agree or Strongly Agree	Disagree or Strongly Disagree	Agree or Strongly Agree	Disagree or Strongly Agree
Overall LGBTQ+ Population	56.5 (51.2 – 61.9)	43.2 (37.9 – 48.5)	73.4 (69.4 – 77.5)	26.1 (22.0 – 30.2)	52.8 (48.2 – 57.4)	46.9 (42.3 – 51.5)
SGM Status						
Transgender or Genderqueer	55.2 (37.3 – 73.0)	44.8 (27.0 – 62.7)	67.0 (52.4 – 81.6)	30.3 (15.8 – 44.7)	54.9 (40.1 – 69.8)	45.0 (30.2 – 59.9)
Gay or Lesbian	61.7 (53.8 – 69.7)	38.0 (30.0 – 46.0)	77.9 (71.9 – 84.0)	22.0 (15.9 – 28.0)	57.4 (51.0 – 63.9)	42.2 (35.7 – 48.6)
Bisexual	50.5 (41.3 – 59.7)	49.2 (40.0 – 58.4)	70.1 (63.0 – 77.2)	29.7 (22.6 – 36.7)	46.5 (38.7 – 54.3)	53.3 (45.5 – 61.1)