

# **Integrated Community Engagement (ICE) Collaborative**

Communities Served by:

**Fayette Middle Schools**

**De-identified Report**

Fall 2022

Fayette County, West Virginia

## Confidential

The ICE Collaborative 2019-2024 is funded by the Centers for Disease Control and Prevention via U48 Collaborative Agreement mechanisms to West Virginia Prevention Research Center within West Virginia University School of Public Health. The authors would like to extend our gratitude to the funder for its generous support. The contents of this report are the sole responsibility of Dr. Kristjansson and Dr. Mann, project Principal Investigators.



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## Important

Thank you to the Fayette School District and its schools for being partners committed to preventing substance use and abuse among young people in Fayette County. We appreciate all they have done to support data collection and to help families and community members learn more about what can be done to reduce risk and protect children and adolescents. Although your local school district and schools are playing a central role in this work, it is important to clearly state that this is not a school report, but a community report. The report's findings describe what families, communities, peers, and schools can do in partnership to help prevent substance use and abuse among young people. Schools alone are not responsible for any problems described in this report and cannot be solely or primarily responsible for providing the solutions. The findings of this report describe what is happening in the whole community and provides opportunities for the whole community to act together. That said, what your local school district and schools have to done to help the community better understand how to prevent substance use and abuse among young people has been critically important. We appreciate their leadership and hard work, as well as their ongoing commitment to the project. We encourage all members of the community to join us in expressing gratitude for the essential contributions of your local school district and schools.

## Introduction

Preventing child and adolescent substance use and risks associated with school drop-out are critical to promote healthy development. A successful approach to such prevention is to work towards strengthening key protective factors and reducing risk factors that operate in the local-community environment of young people. This is the central mission of the Integrated Community Engagement (ICE) Collaborative. Recent evidence in child and adolescent health research suggests that building a strong community around children is the healthiest and most cost-effective way to promote their well-being for the future. However, such a task takes time, effort, and the mutual commitment of key stakeholders in focusing attention on four major domains of the environment surrounding children and adolescents. These major domains are 1) parents and family, 2) the school, 3) friends and peers, and 4) leisure time. All of these are most

powerful in the immediate environment of young people, such as their local neighborhood or community.

Research has shown that children and adolescents who are surrounded by positive environments within the four major domains are much less likely to use or consider using legal or illicit substances and to drop out of school. Furthermore, engaging in behaviors in one of the areas greatly increases the risks associated with the other areas. For example, young people who use illicit drugs are also more likely to drop out of school than those who do not use drugs. Dropping out of school is especially problematic, as the most reliable predictors of adult health throughout the lifespan are educational attainment and socioeconomic status (SES) with SES being largely predicted by educational attainment. As such, interventions that successfully delay the onset of adolescent substance use and encourage students to stay in school, contribute to their health and well-being not only in the present, but also for decades to come.

The ICE Collaborative is a holistic prevention approach rooted in the Icelandic Prevention Model which focuses on strengthening protective factors and reducing risk factors for substance use within school-communities. To that end, this report is organized as a tool to promote collaboration between all concerned community members in the community surrounding Fayette County Middle Schools. The main section of the report includes the results from the 2019, 2020, 2021, and 2022 ICE Surveys for Fayette County Middle schools and comparative rates between all schools and the county total. The results section includes 54 Figures and 20 Tables and is divided into the following four main sections:

**Section 1:** Includes Figures and Tables which concern the rates of substance use, access to substances and age of use onset.

**Section 2:** Includes Figures and Tables that report on the rates of risk and protective factors for substance use within the four domains of parents/caregivers, peer group, school environment, and leisure time, in addition to a brief section on the local community.

**Section 3:** Shows how rates of selected risk and protective factors for children in the County across the four major domains of parents/caregivers, peer group, school environment, and leisure time, in addition to local community, are related to substance use outcomes.

**Section 4:** Includes Tables that report the frequencies of children knowing someone who was diagnosed with or died from COVID-19 as well as the impacts of COVID-19 on children and their families.

## Methods

### Participants and procedure

The participants in this study were all accessible and interested students in Fayette County middle schools during the fall semester of 2019, 2020, 2021, and 2022. Participation was open to all students but not required for anyone. Out of 890 students enrolled in Fayette County Middle schools in the fall of 2022, 718 or 80.7% participated in the study. Compared to school-based surveys generally and the principles of survey research methodology, the response rates in Fayette County are good.

In Fayette County middle schools, the ICE Collaborative, and potential participation in the study, was first introduced to parents and caregivers through a letter that was sent home with students. Through a passive consent process parents were requested to contact either the County Coordinator for the ICE Collaborative study, or the Principal Investigators, Drs. Kristjansson or Mann by email or office phone to withdraw their children from participation.

A supervising contact agent (SCA) was appointed as the lead on-site person to oversee the data collection using a protocol that was designed and delivered by the ICE Collaborative team at WVU School of Public Health. The data was collected with an online questionnaire in the Qualtrics software and overseen by the SCA and teachers during classroom hours in the fall of 2022. Participation was voluntary, and students were free to answer the survey in whole or in part, to skip any question at will, and to change their mind about participation at any time. The online surveys were carried out inside a computer laboratory in each school and supervised by the SCA and teachers. All aspects of this investigation were reviewed and approved by the West Virginia University Institutional Review Board (protocol # 1406345394R007).

**Measures**

The measures used in the ICE Collaborative survey broadly cover the main outcome area of substance use, as well as the four risk and protective factor domains; parents/caregivers and family, peers and friends, school, and leisure time, in addition to several measures on community cohesion and trust. Most of the measures used in the surveys originate from national or international surveys such as the annual Youth Risk Behavior Surveillance System (YRBSS) conducted by the Centers for Disease Control and Prevention, the Monitoring the Future survey which is used by the US National Institutes for Health to provide national estimates of substance use among youth, and the European School Survey Project on Alcohol and Drugs (ESPAD) that is conducted every 3-4 years in 35 to 40 countries in Europe. A few measures originate from other sources. In total the ICE Survey questionnaire typically took students less than one full class session to complete.

## Results

### Section 1: ICE outcomes by category

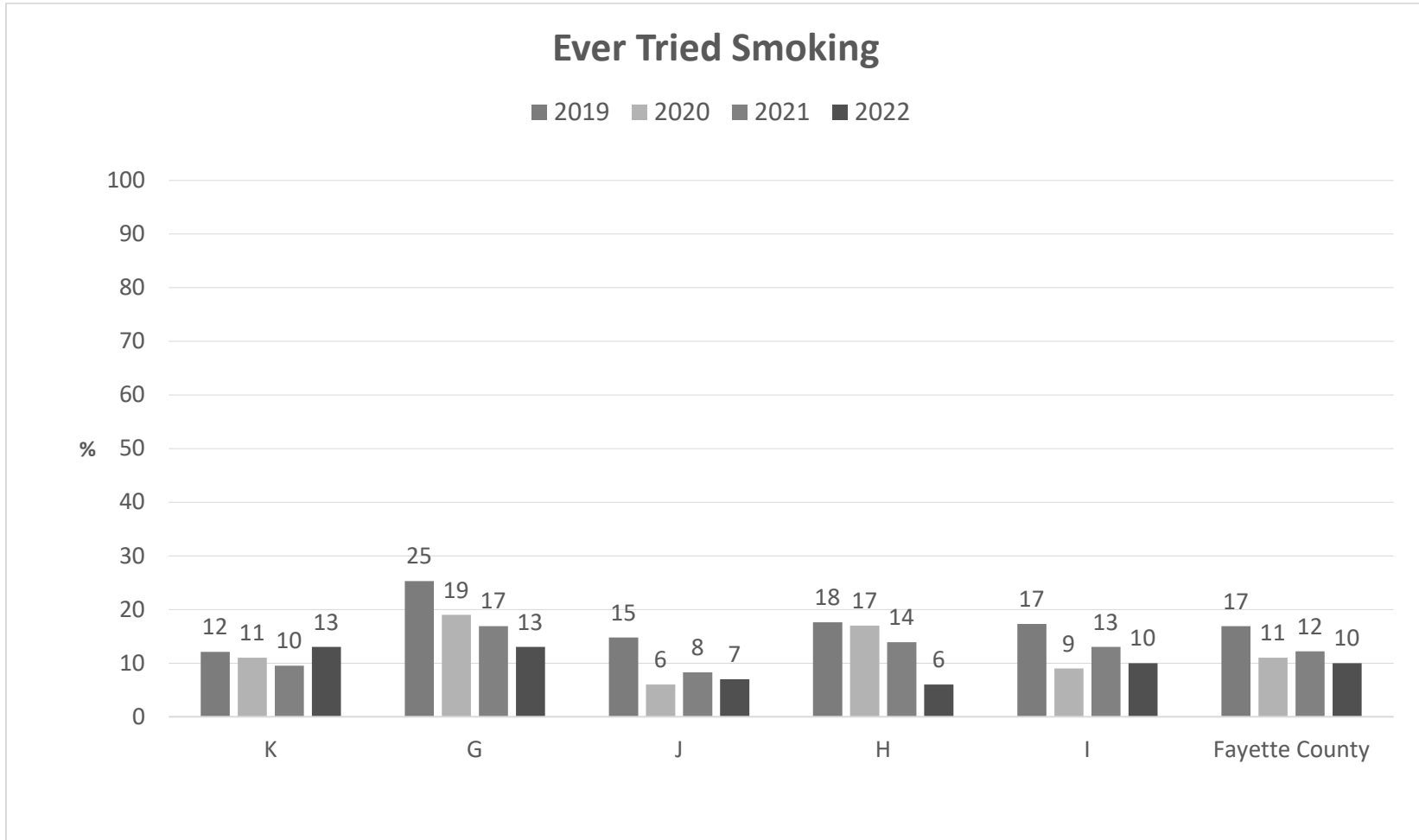


Figure 1. Frequency of students who have ever tried cigarette smoking



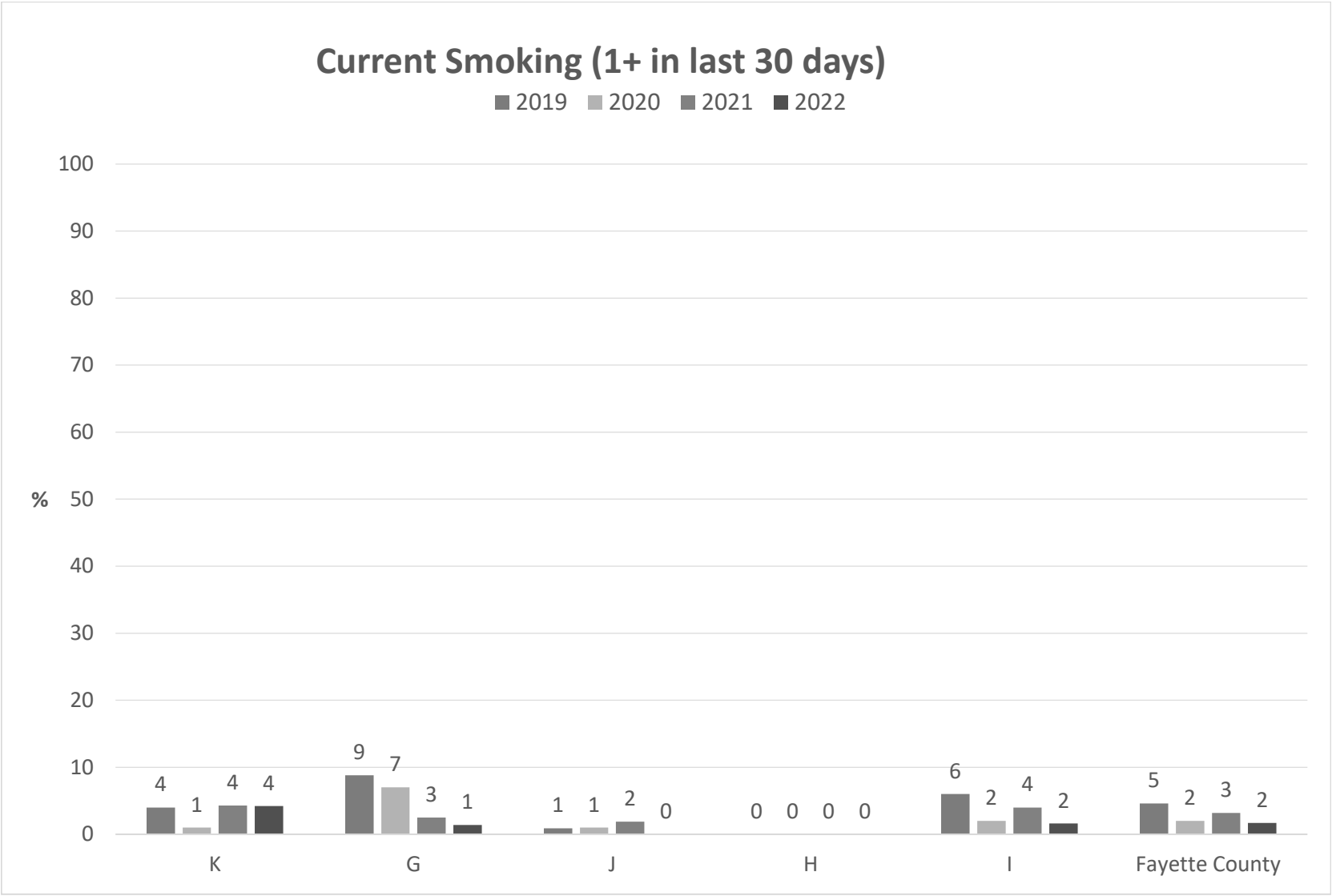


Figure 2. Frequency of students who currently smoke cigarettes

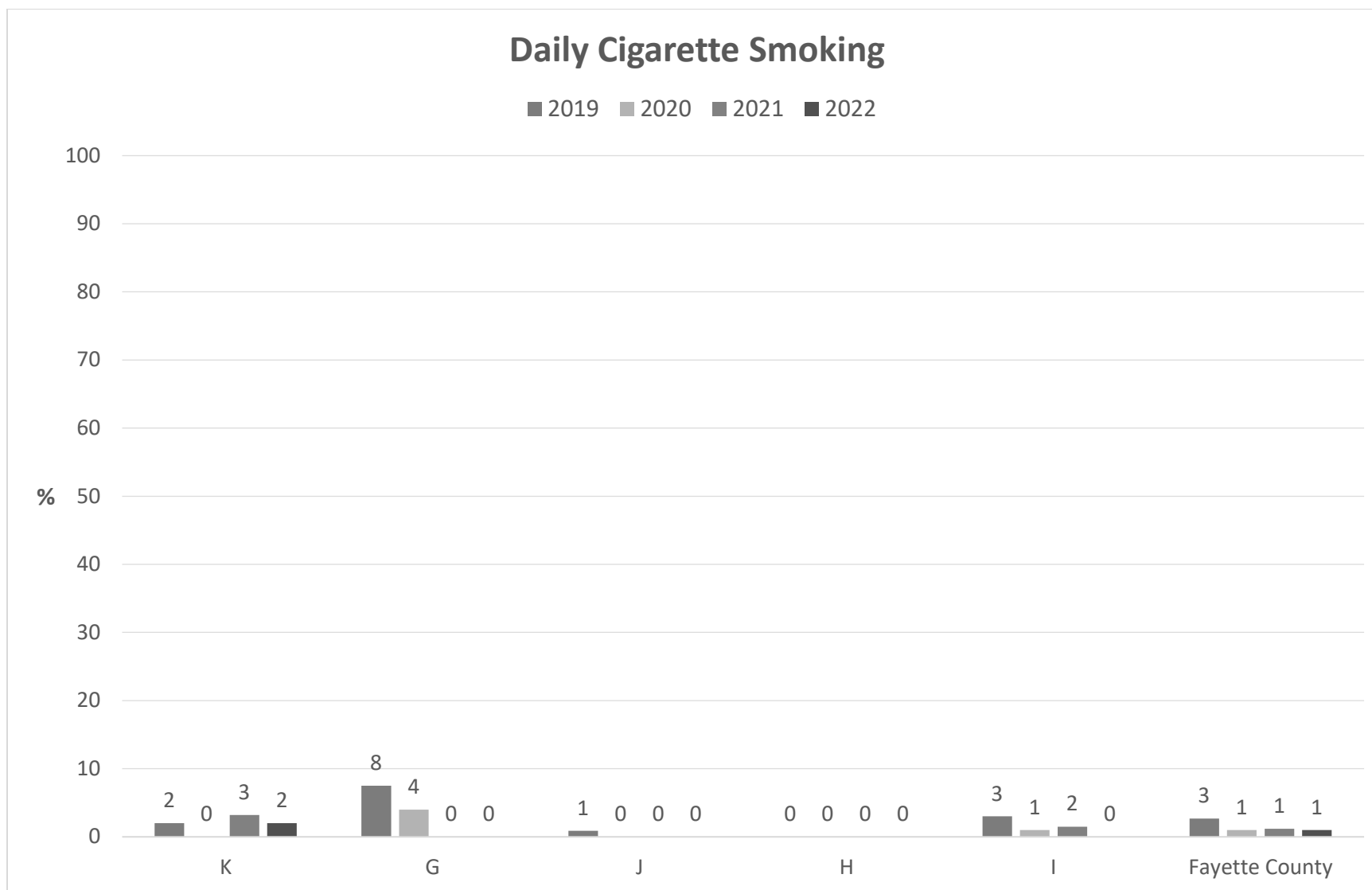


Figure 3. Frequency of students who smoked cigarettes daily during the last 30 days

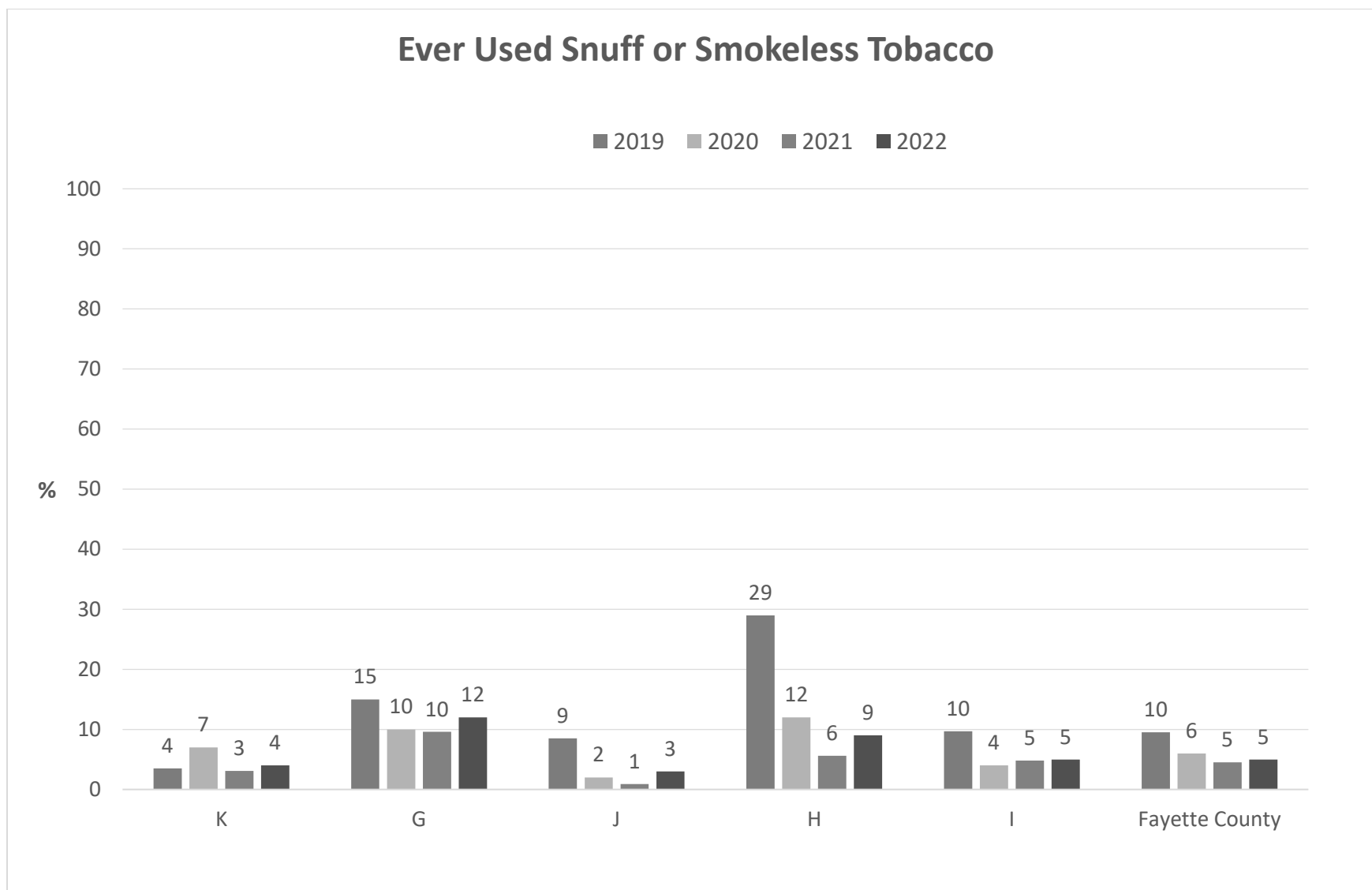


Figure 4. Frequency of students who have ever used snuff, chewing tobacco, or other tobacco inserted in mouth

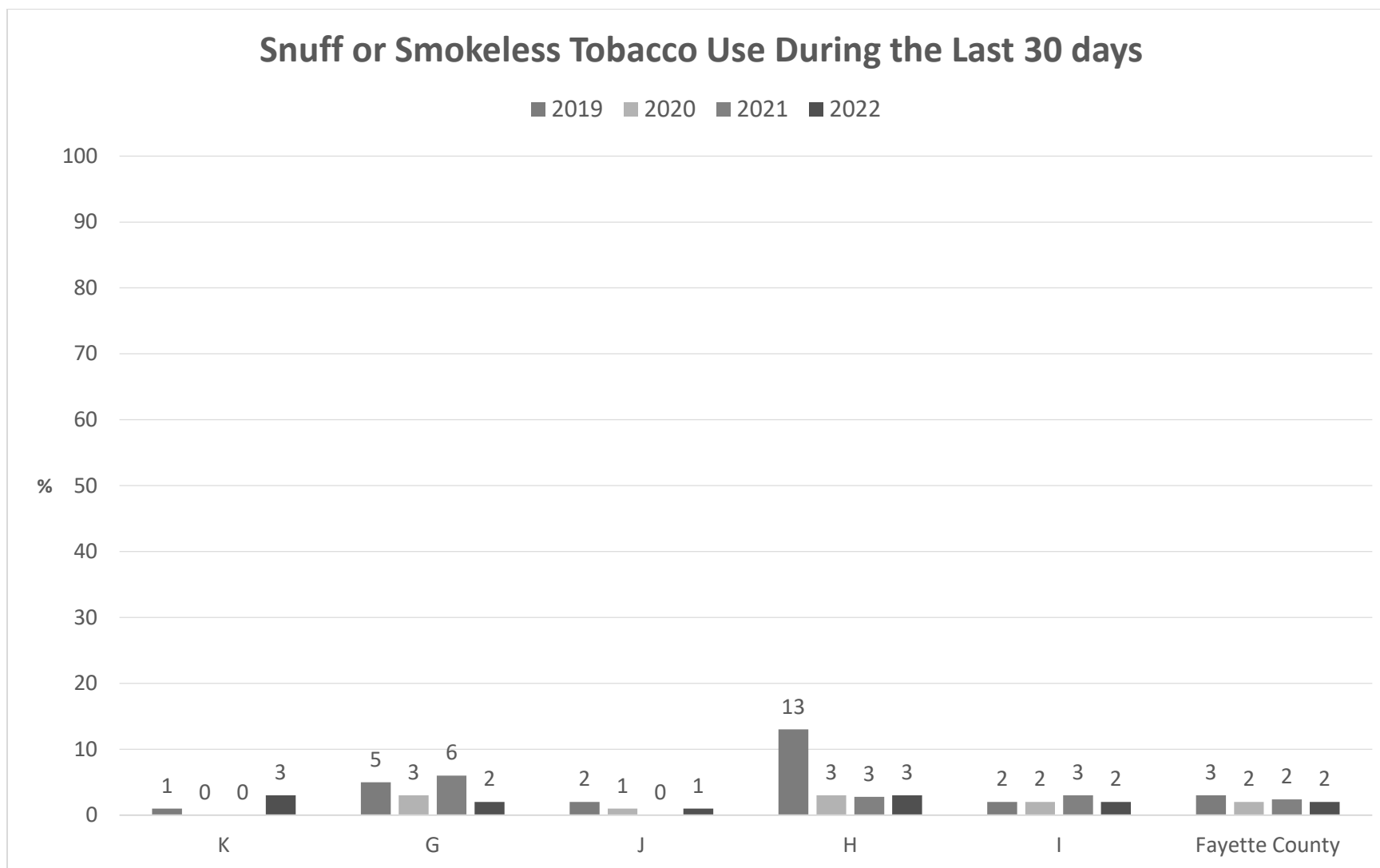


Figure 5. Frequency of students who used snuff, chewing tobacco, or other tobacco inserted in mouth in the last 30 days

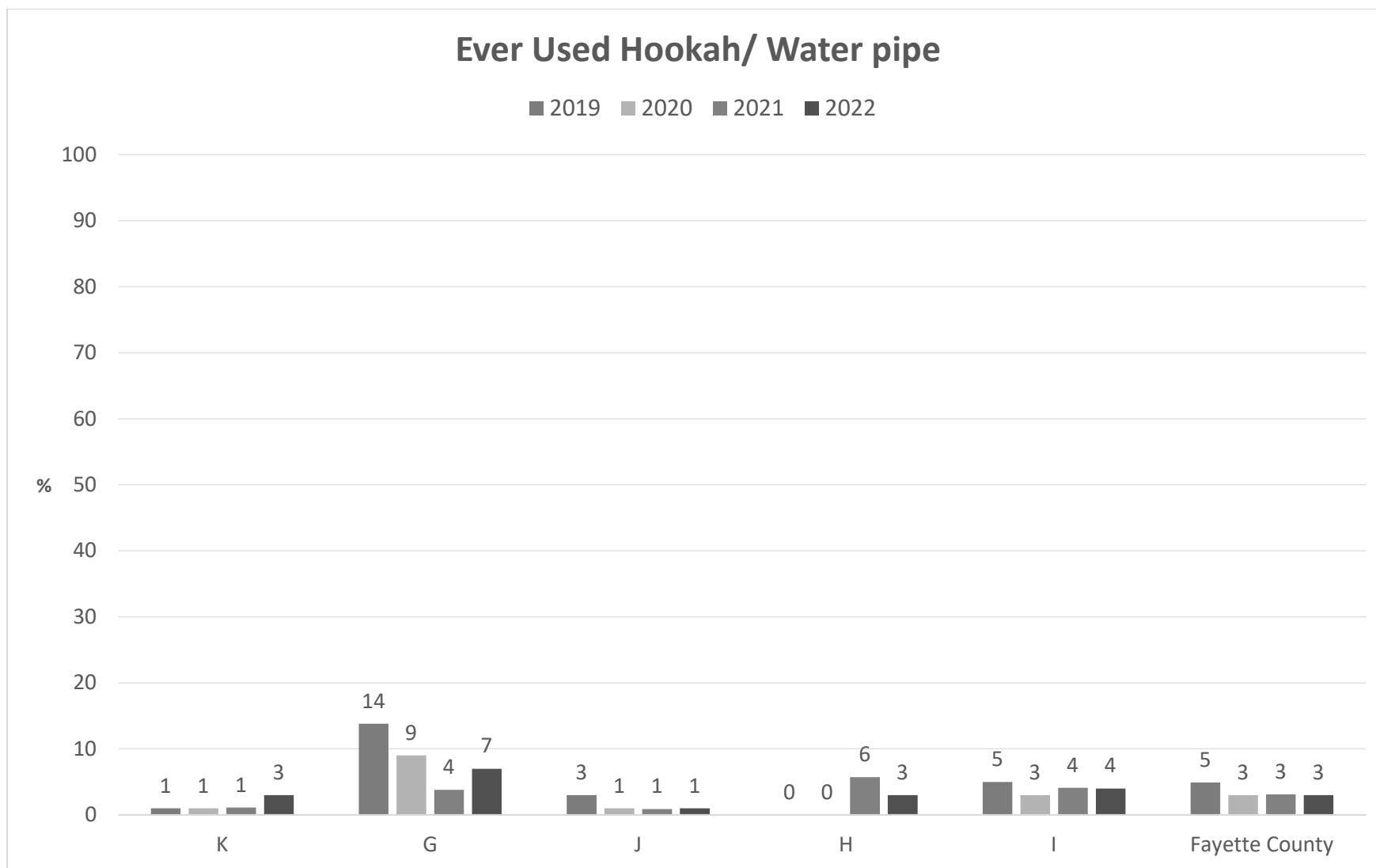


Figure 6. Frequency of students who have ever used a hookah or water pipe

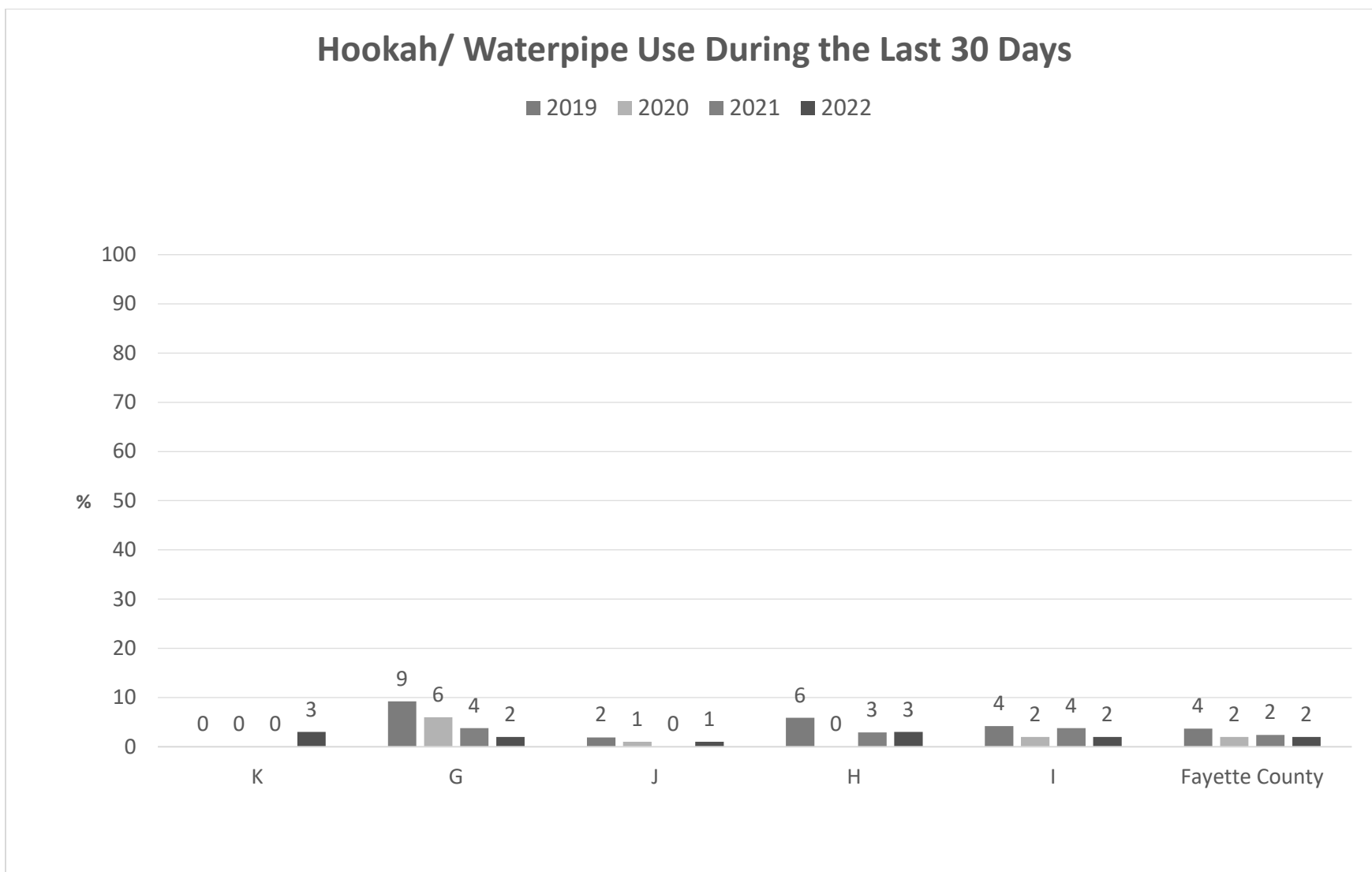


Figure 7. Frequency of students who used a hookah or waterpipe in the past 30 days

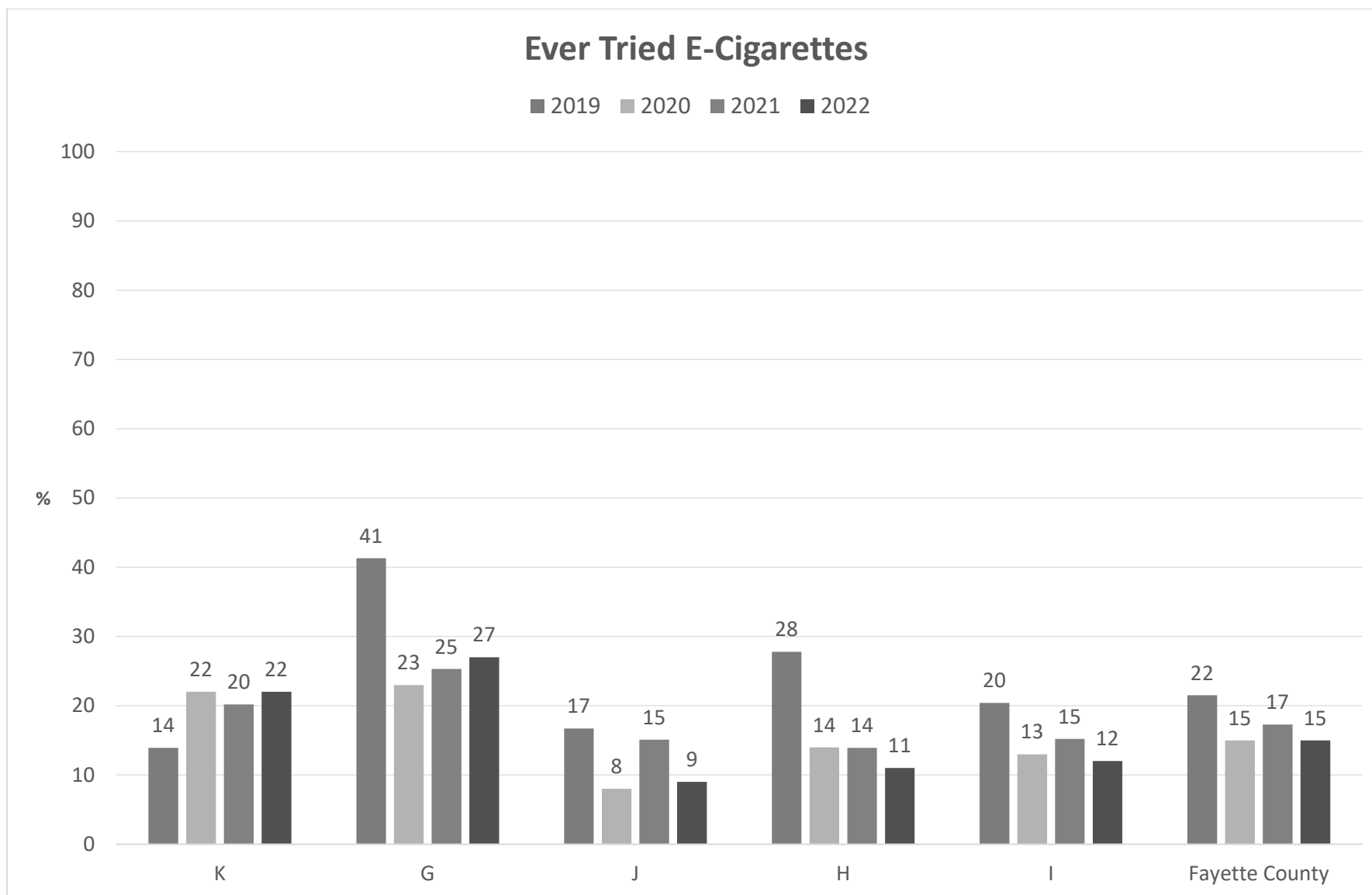


Figure 8. Frequency of students who have ever tried e-cigarettes

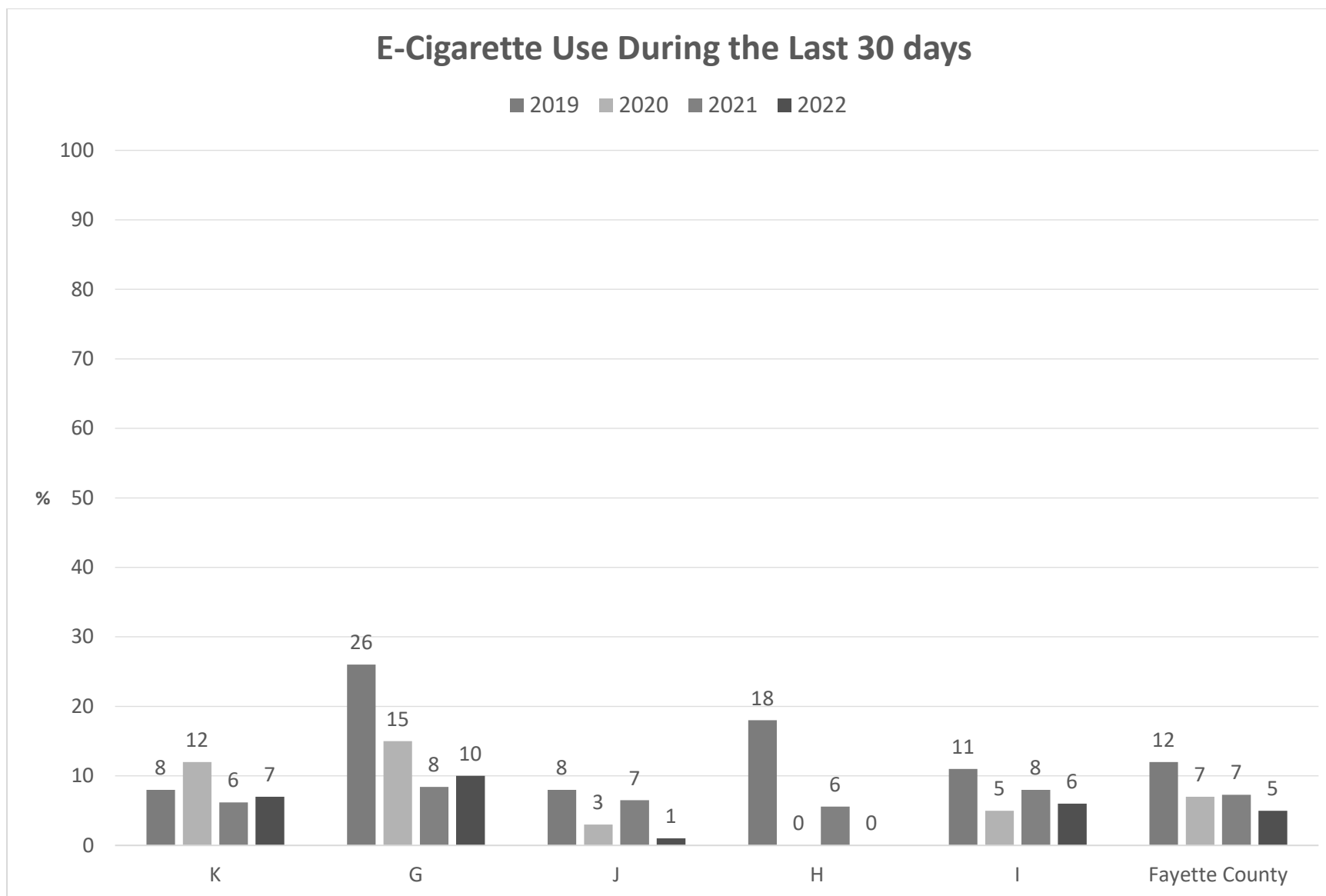


Figure 9. Frequency of students who have used e-cigarettes in the last 30 days



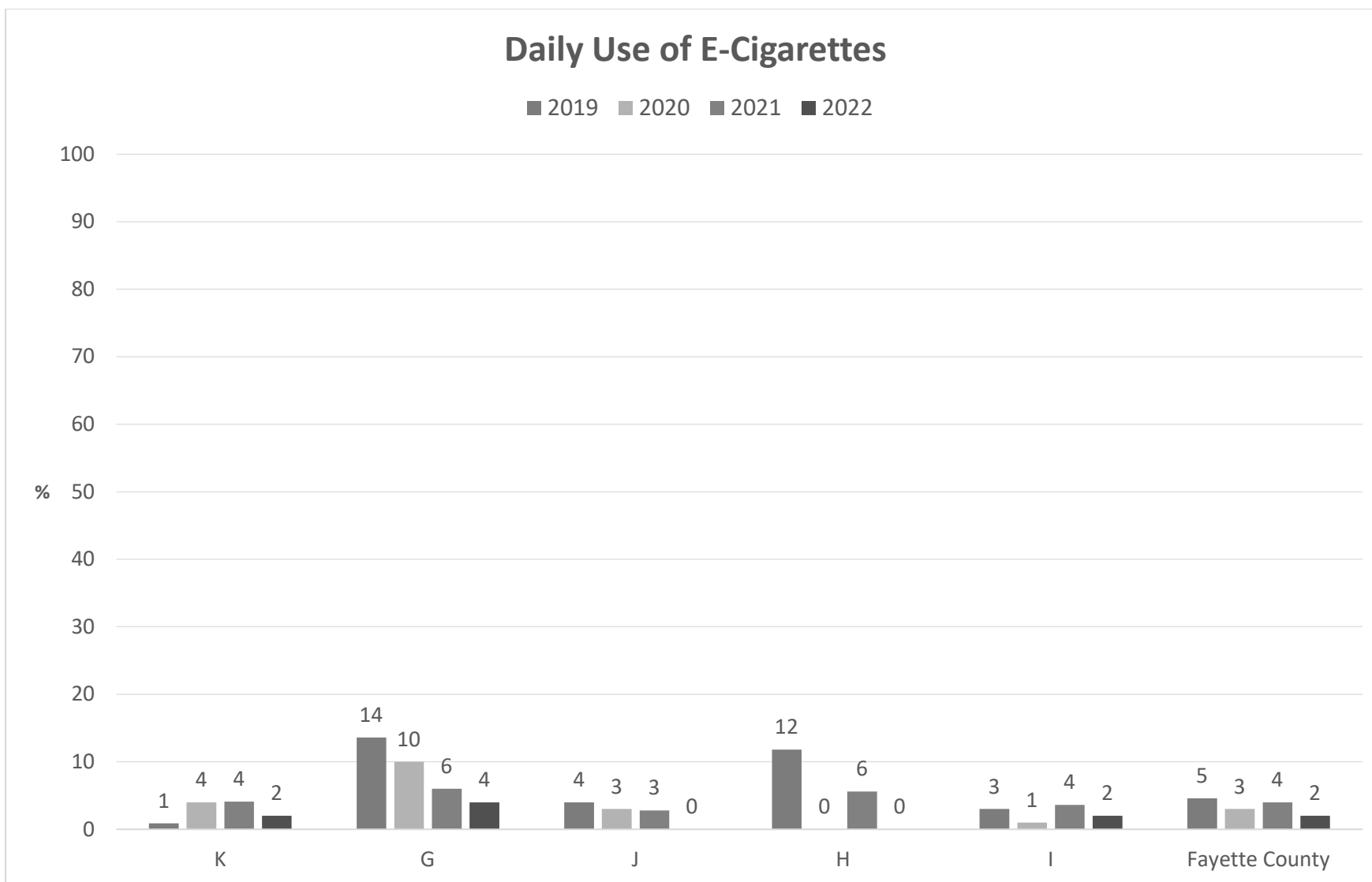


Figure 10. Frequency of students who used e-cigarettes daily

Table 1. How Students Obtain Cigarettes (Sometimes or Often)

	Buy them in a store	A family member gives them to me	A person 18 years or older and not in my family gives them to me	I take them from a store without paying	I take them from a family member without them knowing
<b>K (%)</b>					
2019	1	0	2	2	2
2020	1	0	4	4	6
2021	1	3	4	4	3
2022	2	2	2	2	2
<b>G (%)</b>					
2019	2	6	15	4	5
2020	0	9	7	1	1
2021	2	4	2	2	4
2022	3	6	6	3	3
<b>J (%)</b>					
2019	2	2	5	3	3
2020	0	1	2	0	2
2021	2	1	1	1	2
2022	1	0	0	0	0
<b>H (%)</b>					
2019	6	0	0	0	0
2020	0	0	0	0	0
2021	0	0	3	0	0
2022	3	6	3	3	3
<b>I (%)</b>					
2019	3	5	4	3	5
2020	1	3	1	1	3
2021	2	3	3	2	2
2022	1	2	2	2	2
<b>Fayette County (%)</b>					
2019	2	3	6	3	4

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<b>2020</b>	1	3	2	1	3
<b>2021</b>	2	3	3	2	2
<b>2022</b>	2	2	2	2	2

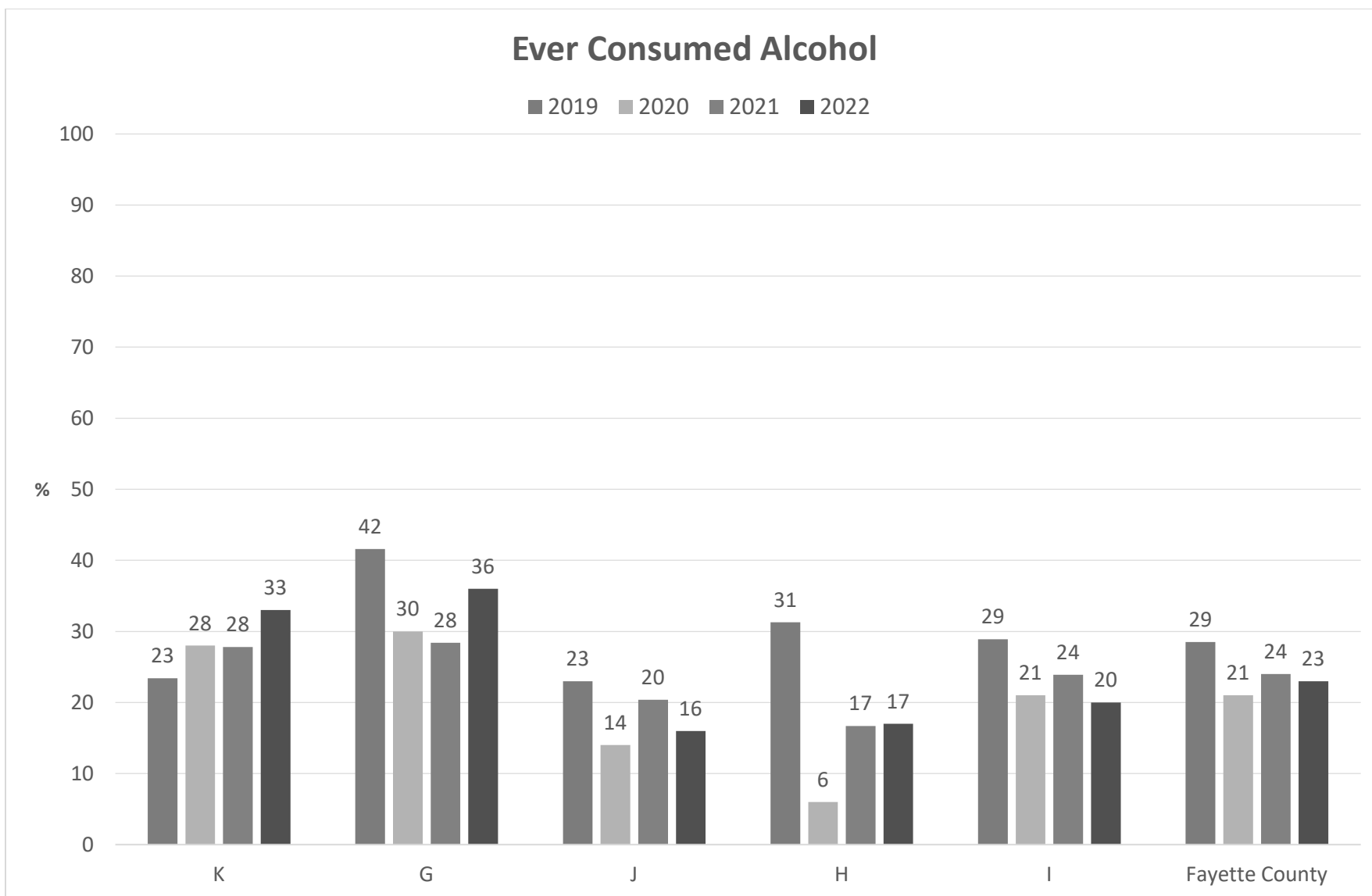


Figure 11. Frequency of students who have ever consumed alcohol

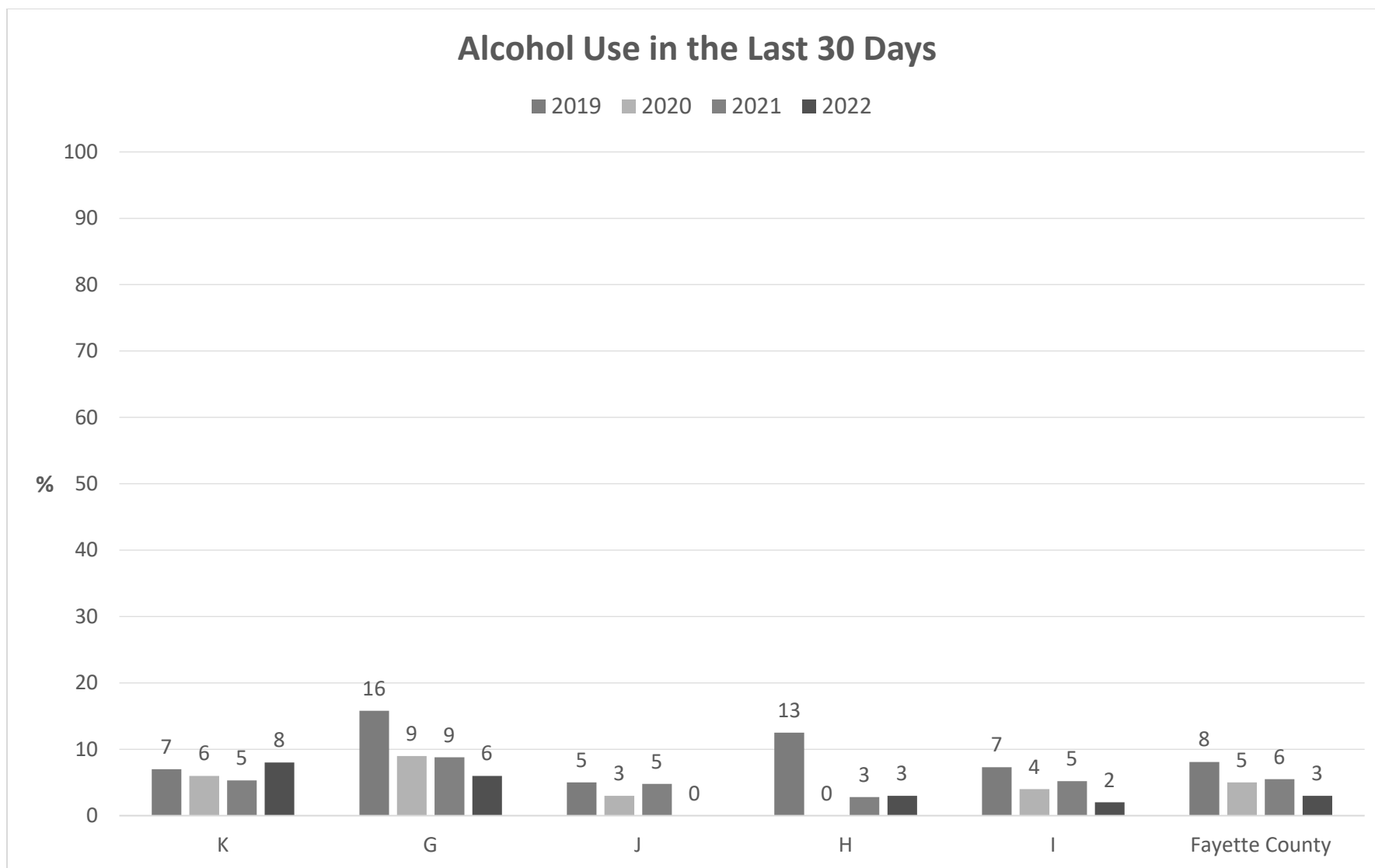


Figure 12. Students who consumed alcohol once or more within the last 30 days

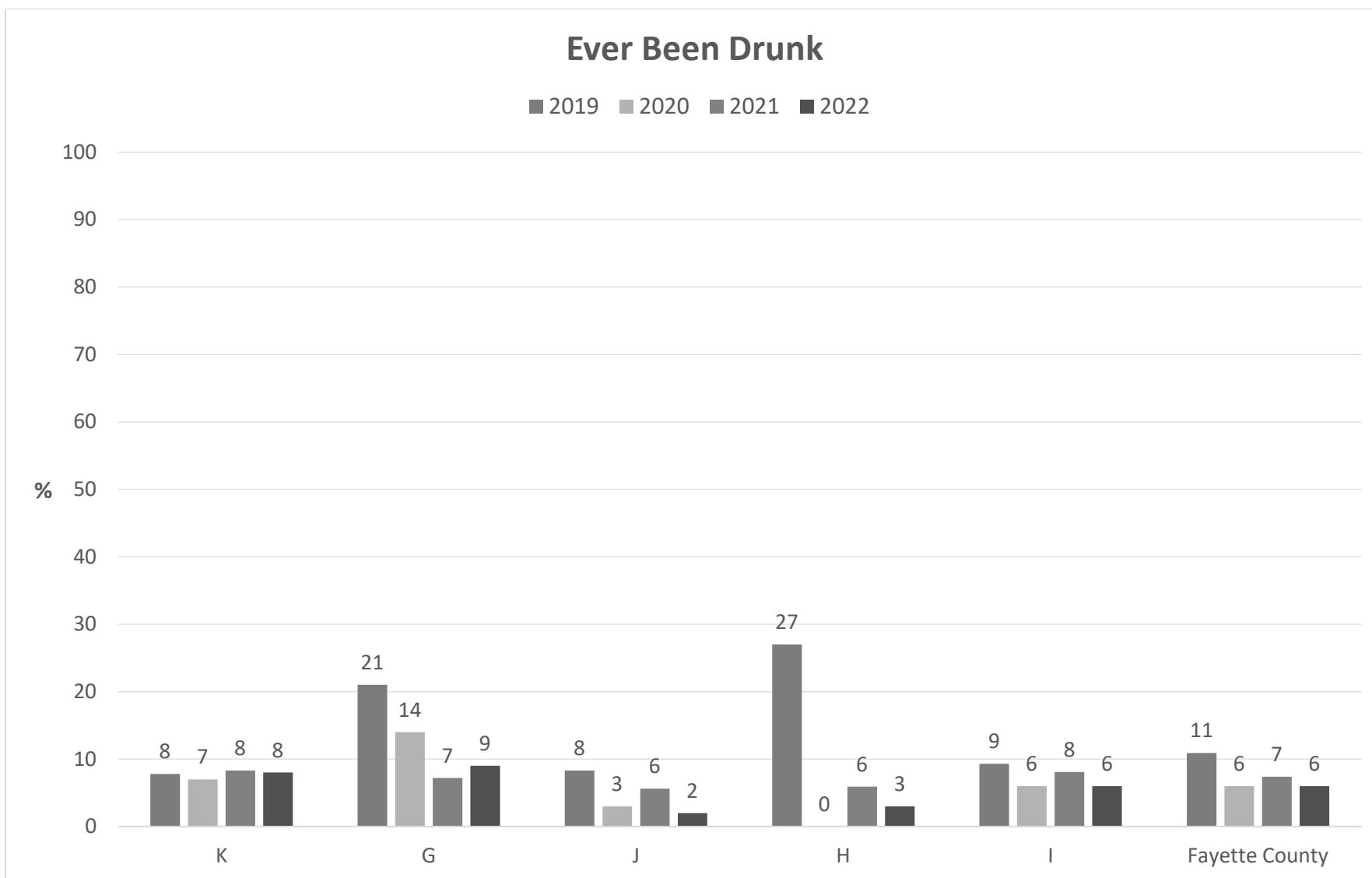


Figure 13: Frequency of students who have ever been drunk

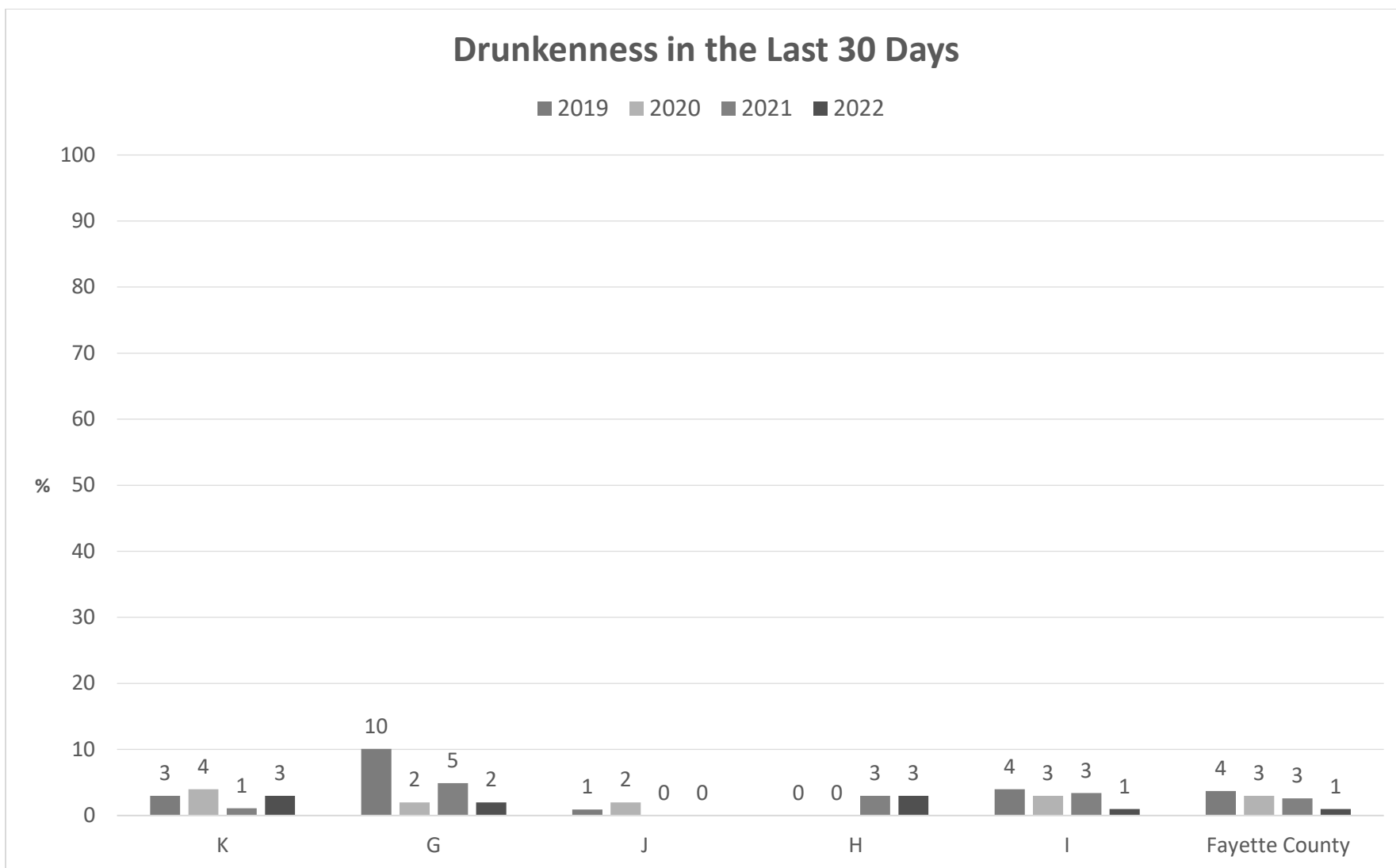


Figure 14: Students who have been drunk within the last 30 days

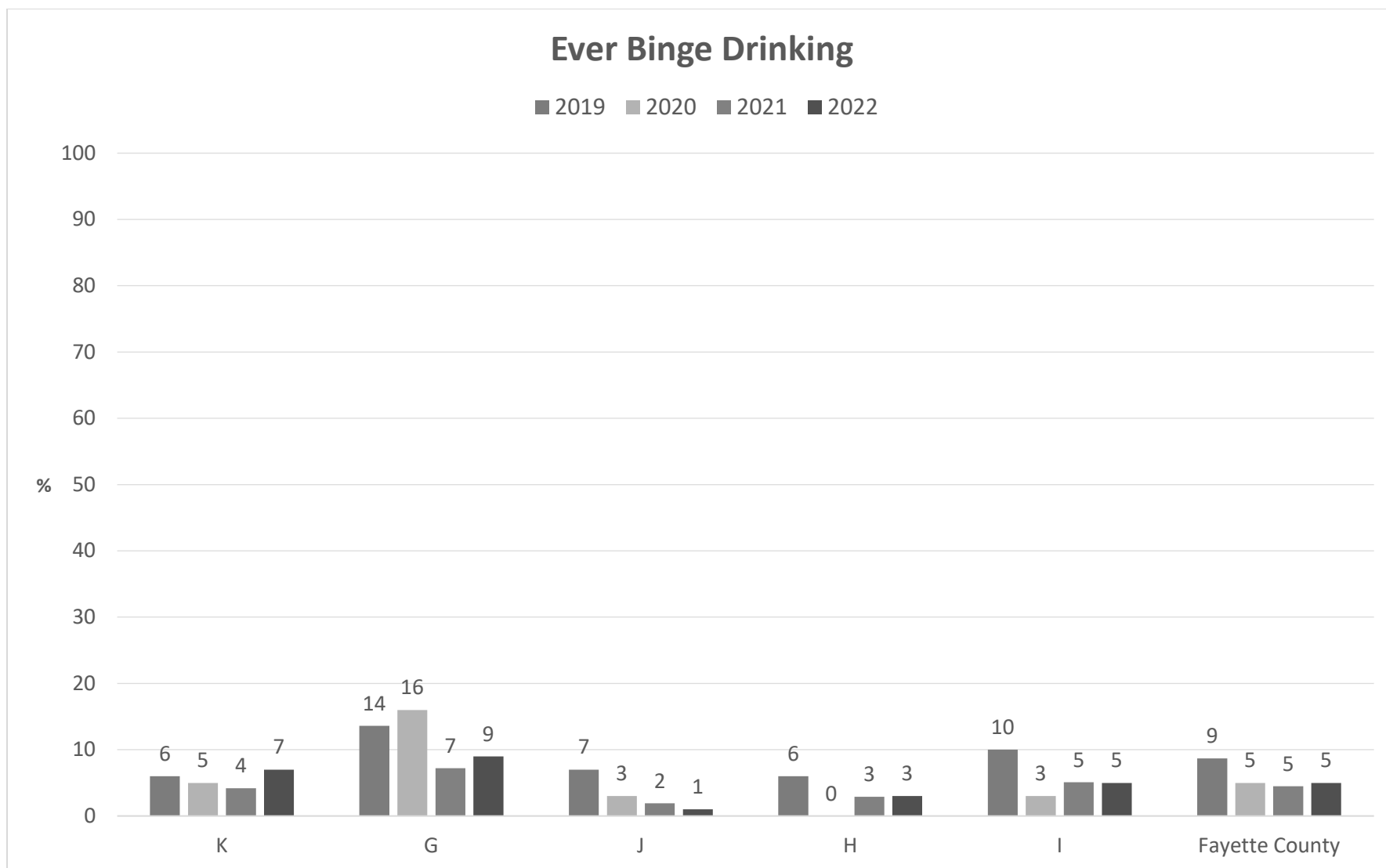


Figure 15. Students who have reported ever binge drinking (4x+ drinks in 1-2 hours)



Table 2. How Students Obtain Alcohol (Sometimes or Often)

	Buy them in a store	A family member gives them to me	A person 21 years or older and not in my family gives them to me	I take them from a store without paying	I take them from a family member without them knowing
<b>K (%)</b>					
2019	1	3	3	2	3
2020	1	1	4	1	5
2021	1	3	3	2	3
2022	2	2	2	2	2
<b>G (%)</b>					
2019	3	10	9	3	4
2020	4	7	7	1	3
2021	3	5	4	3	4
2022	5	9	4	3	6
<b>J (%)</b>					
2019	1	2	3	2	2
2020	1	3	1	0	1
2021	1	1	2	2	4
2022	0	0	0	0	0
<b>H (%)</b>					
2019	6	0	0	0	6
2020	0	0	0	0	0
2021	0	0	3	3	3
2022	3	3	3	3	3
<b>I (%)</b>					
2019	3	4	3	3	4
2020	1	2	3	1	3
2021	2	4	3	2	3
2022	2	2	1	2	1
<b>Fayette County (%)</b>					
2019	2	4	4	3	3

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<b>2020</b>	2	3	3	1	3
<b>2021</b>	2	3	3	2	3
<b>2022</b>	2	2	1	2	2

Table 3. Where Students Drink Alcohol (Sometimes or Often)

	In your home	In the home of others	In the shopping center	Outdoors: for example in the street, in the park, etc.	In a club/bar/pub	In a school dance/ball	In a college dance/ball	In a youth club/center	During training or rehearsal tours/camps	Elsewhere
<b>K (%)</b>										
2019	2	2	1	2	1	1	1	1	1	2
2020	2	5	0	1	1	0	0	0	0	5
2021	0	1	0	0	0	0	0	0	0	2
2022	5	6	4	5	4	3	4	3	3	3
<b>G (%)</b>										
2019	6	10	0	6	0	1	0	1	1	9
2020	3	4	0	1	0	0	0	1	0	7
2021	4	7	0	4	2	4	4	2	2	2
2022	6	9	1	6	3	3	1	3	3	10
<b>J (%)</b>										
2019	0	4	0	3	0	0	0	0	0	3
2020	3	2	0	0	1	1	1	0	0	1
2021	2	7	1	2	1	1	1	1	1	2
2022	1	1	0	0	0	0	0	0	0	0
<b>H (%)</b>										
2019	13	13	0	0	0	0	0	0	0	0
2020	0	0	0	0	0	0	0	0	0	0
2021	3	3	3	3	3	3	3	3	3	3
2022	3	3	3	3	3	3	3	3	3	3
<b>I (%)</b>										
2019	4	6	2	3	2	2	3	2	2	4
2020	1	1	2	2	1	1	0	0	1	3
2021	3	2	2	2	2	1	2	2	1	3

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<b>2022</b>	3	2	0	1	1	1	1	0	1	2
<b>Fayette County (%)</b>										
<b>2019</b>	3	5	1	3	1	1	1	1	1	4
<b>2020</b>	2	2	1	1	1	1	0	0	1	3
<b>2021</b>	3	3	1	2	2	1	2	1	1	3
<b>2022</b>	3	3	1	2	2	1	1	1	1	3

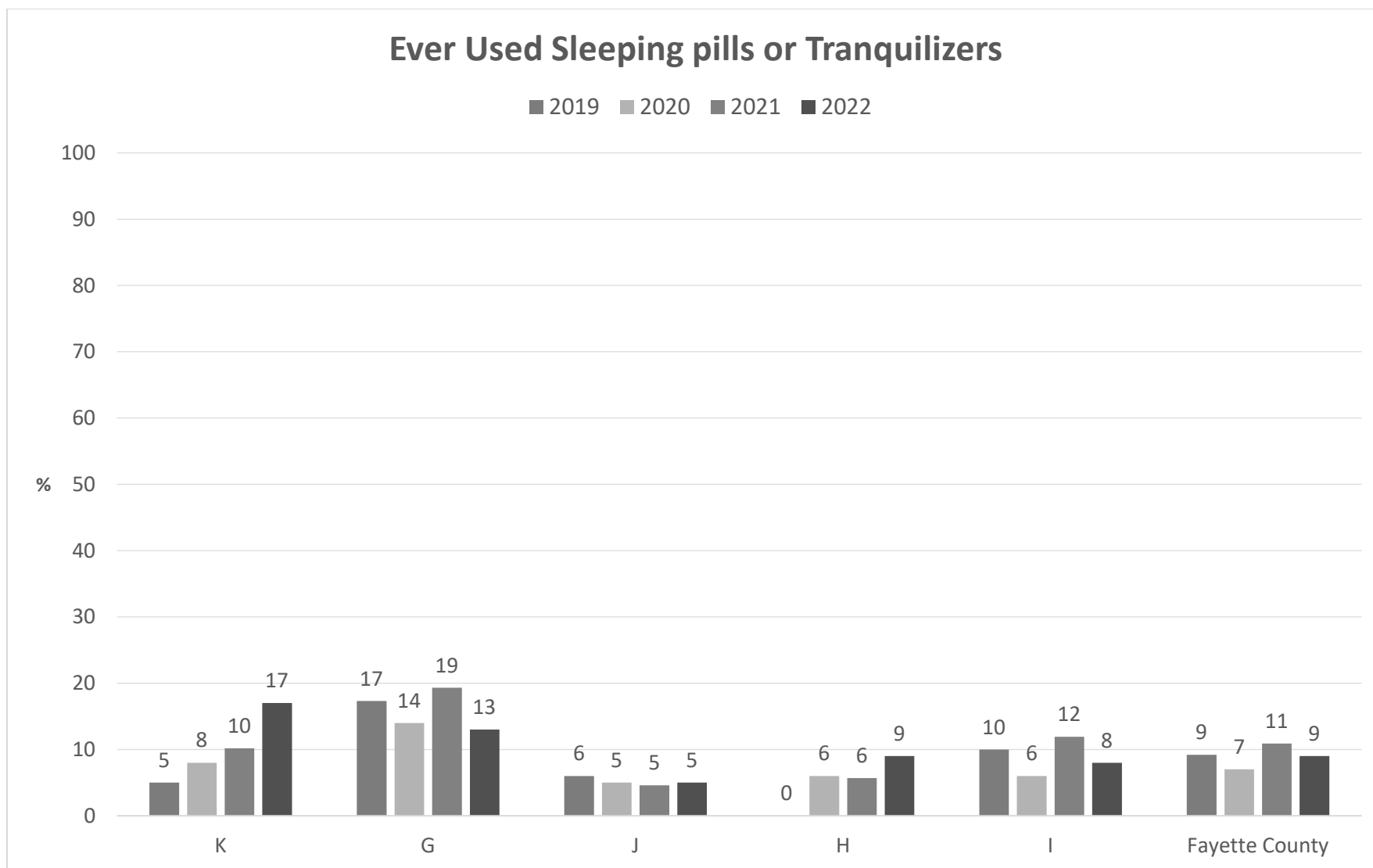


Figure 16: Frequency of students who have ever used sleeping pills or tranquilizer medicine

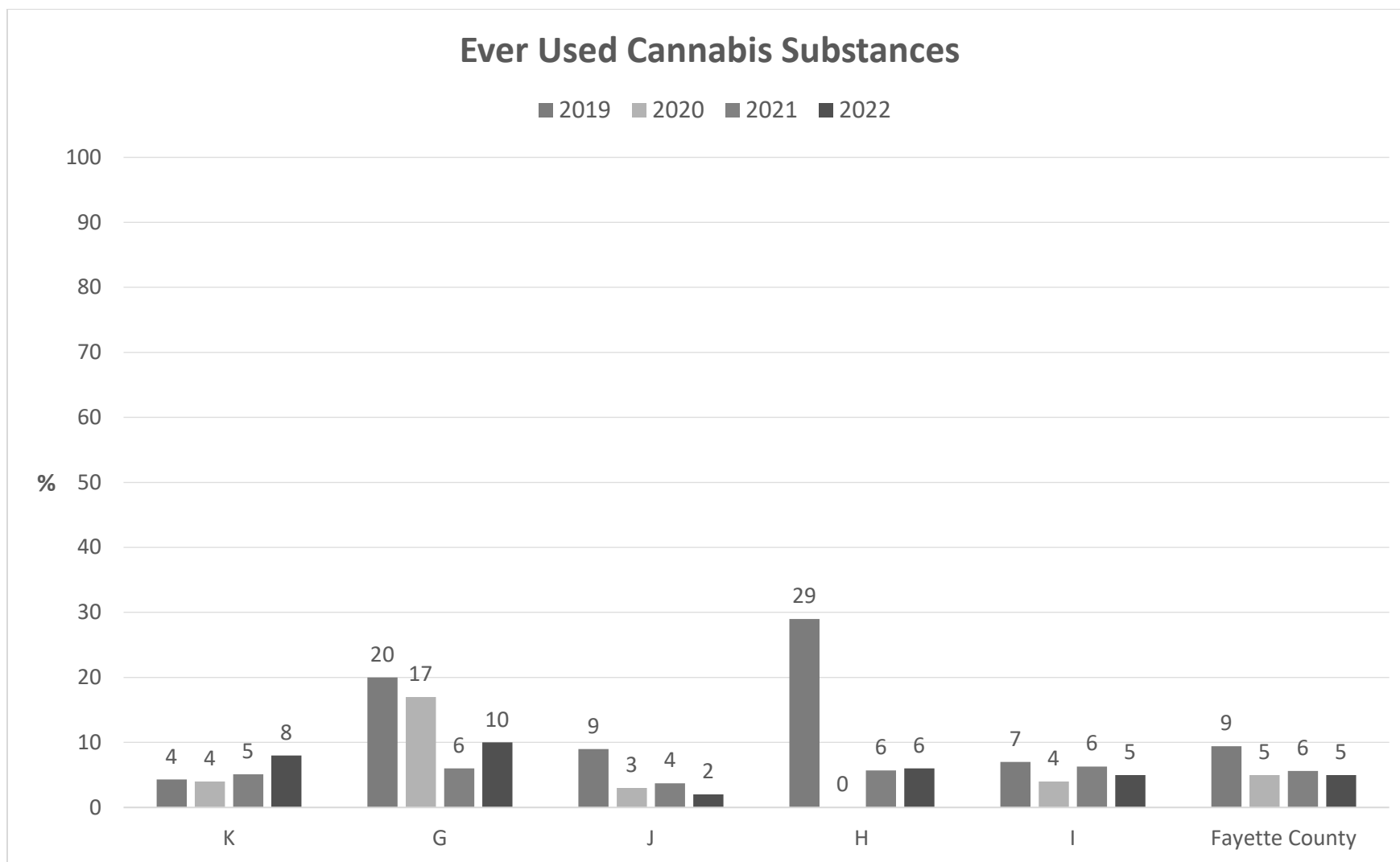


Figure 17: Frequency of students who have ever used cannabis substances

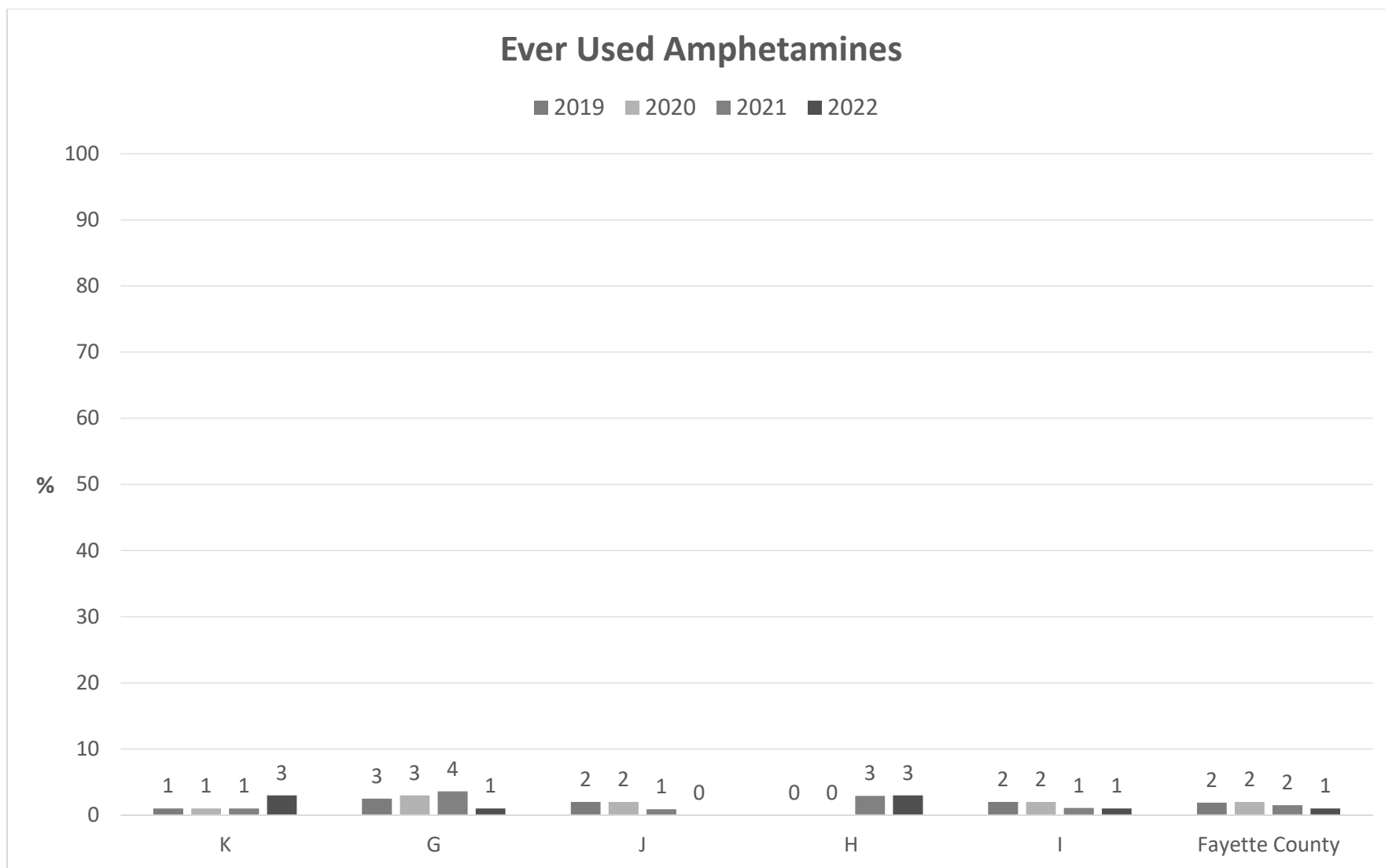


Figure 18: Frequency of students who have ever used amphetamines

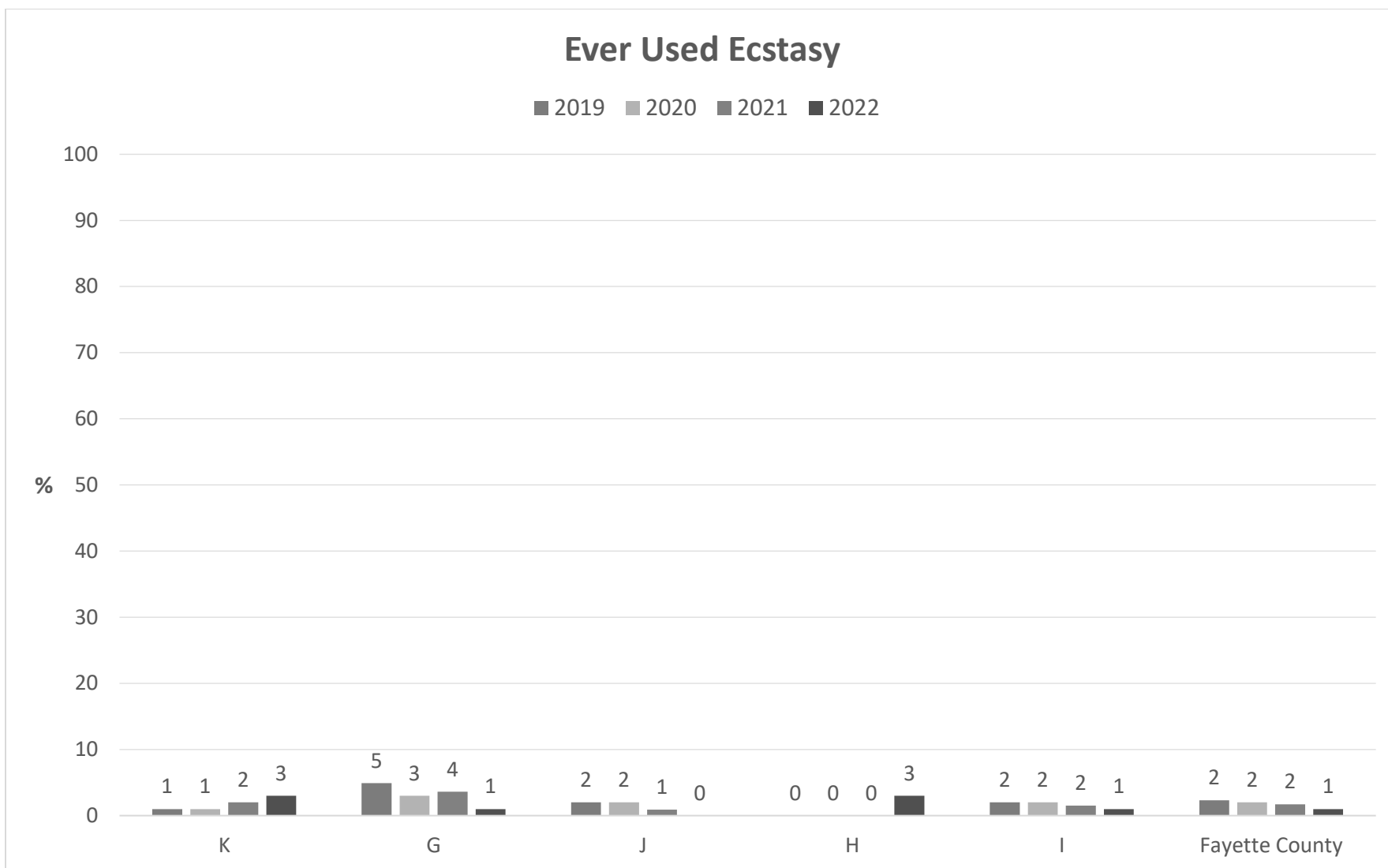


Figure 19: Frequency of students who have ever used ecstasy



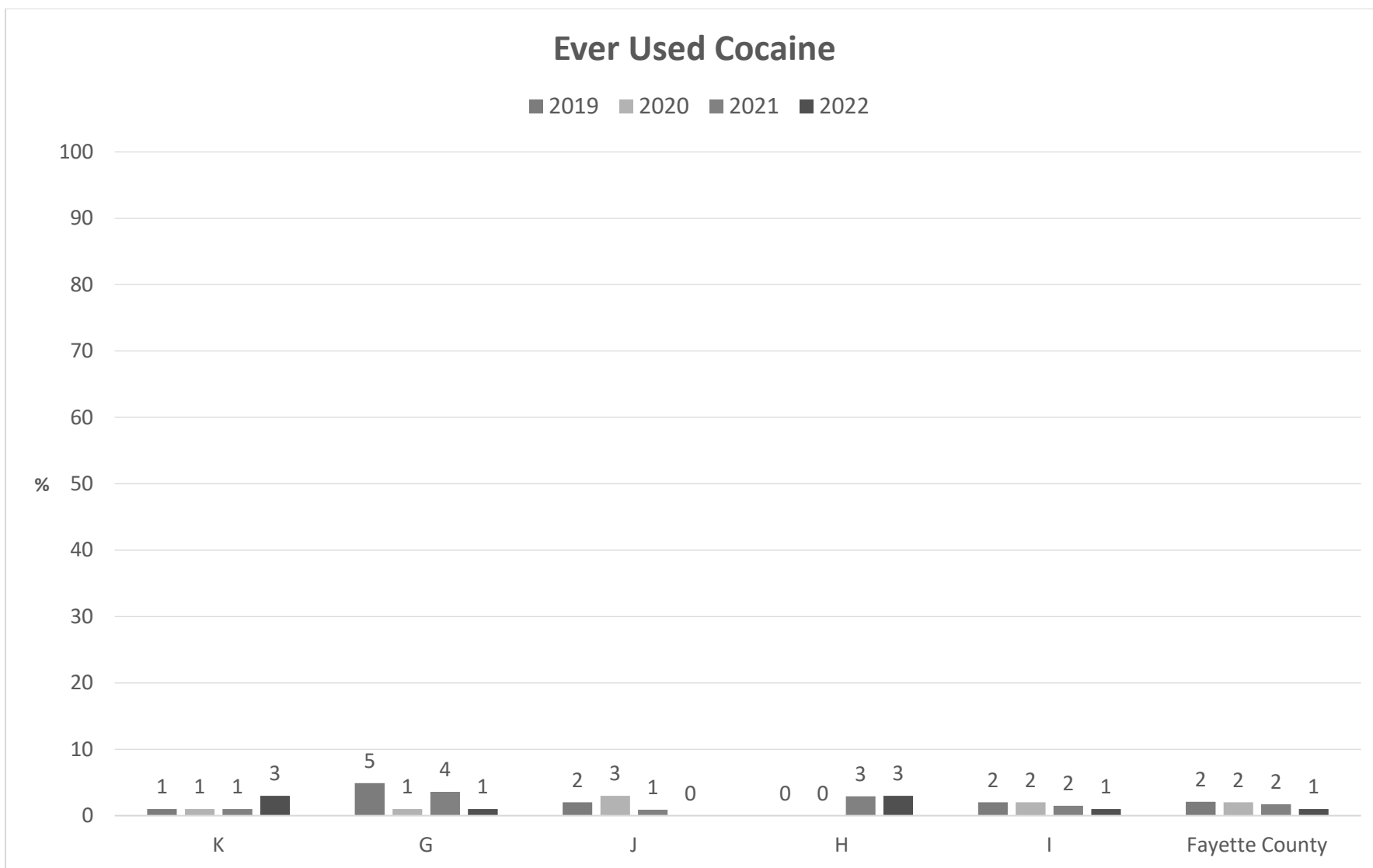


Figure 20: Frequency of students who have ever used cocaine

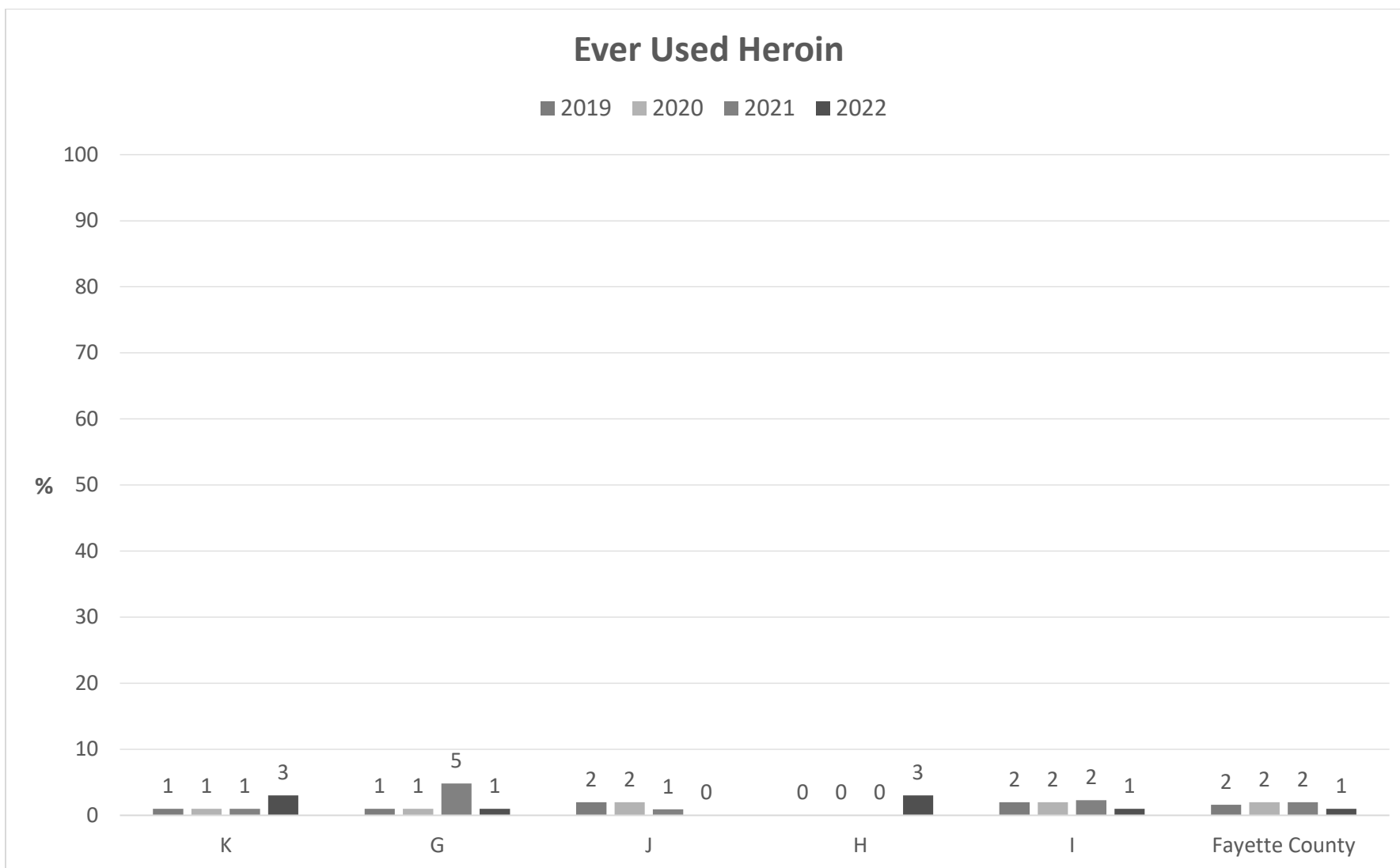


Figure 21: Frequency of students who have ever used heroin

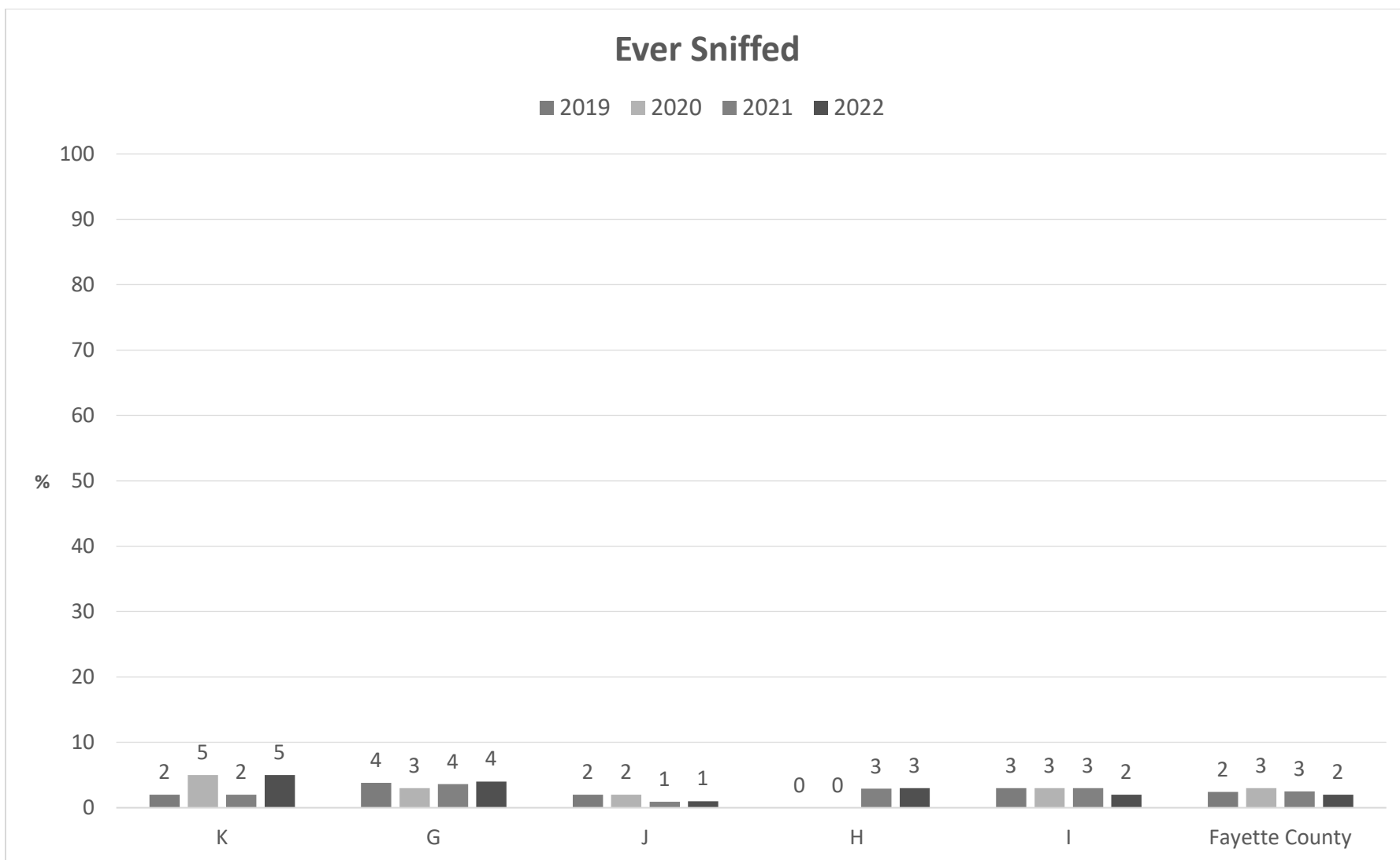


Figure 22: Frequency of students who have ever used sniffing glue

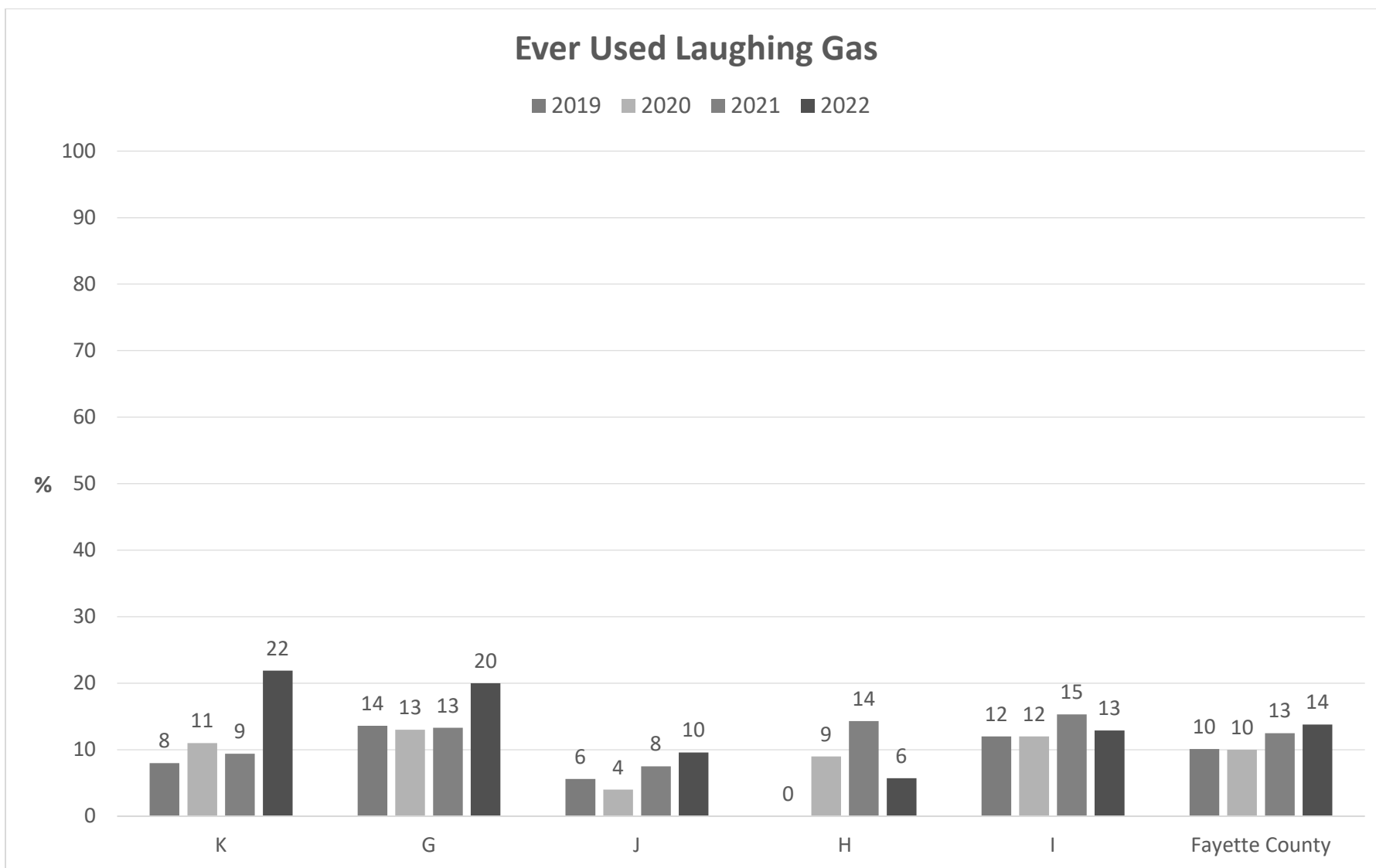


Figure 23: Frequency of students who have ever used laughing gas

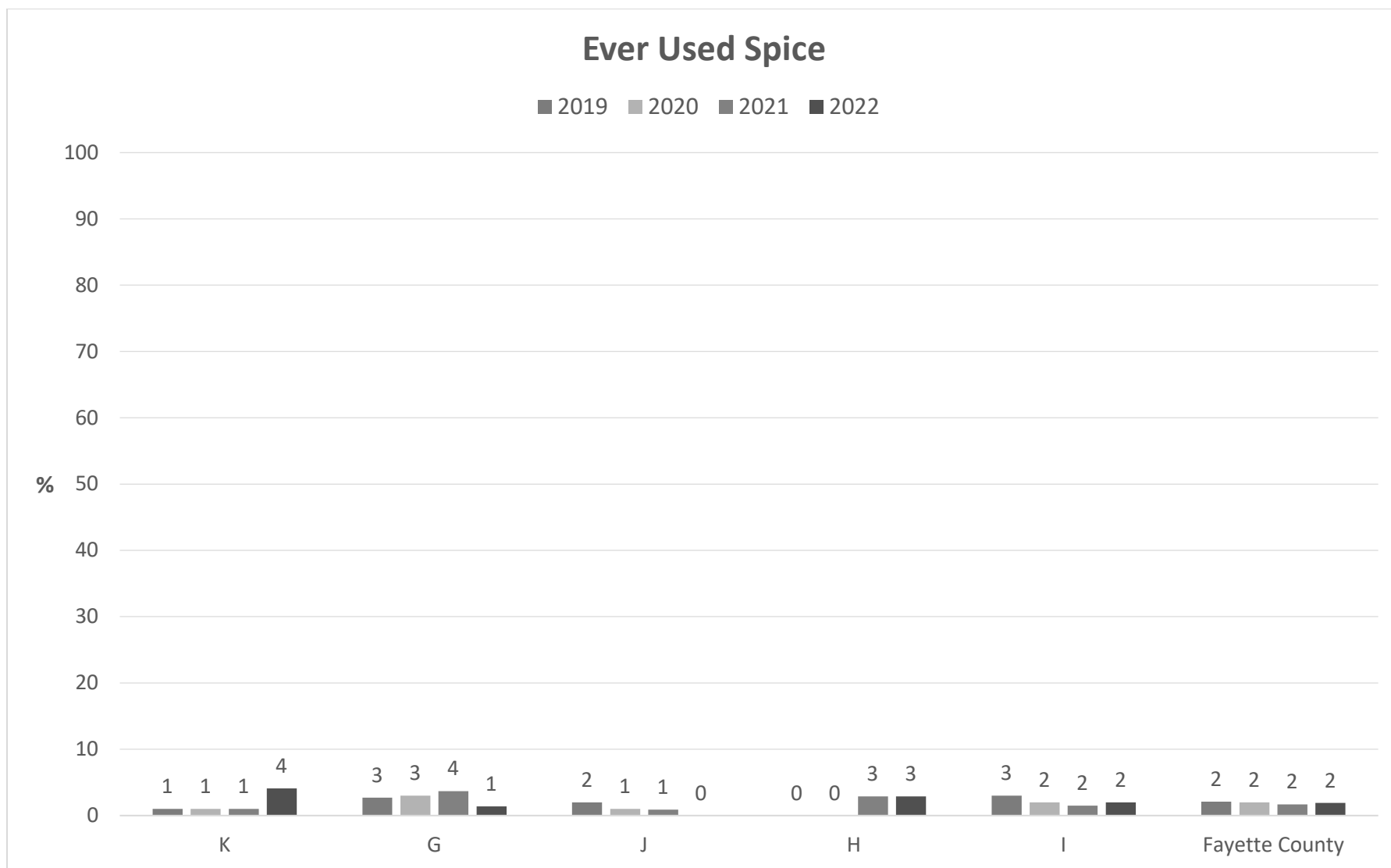


Figure 24: Frequency of students who have ever used spice

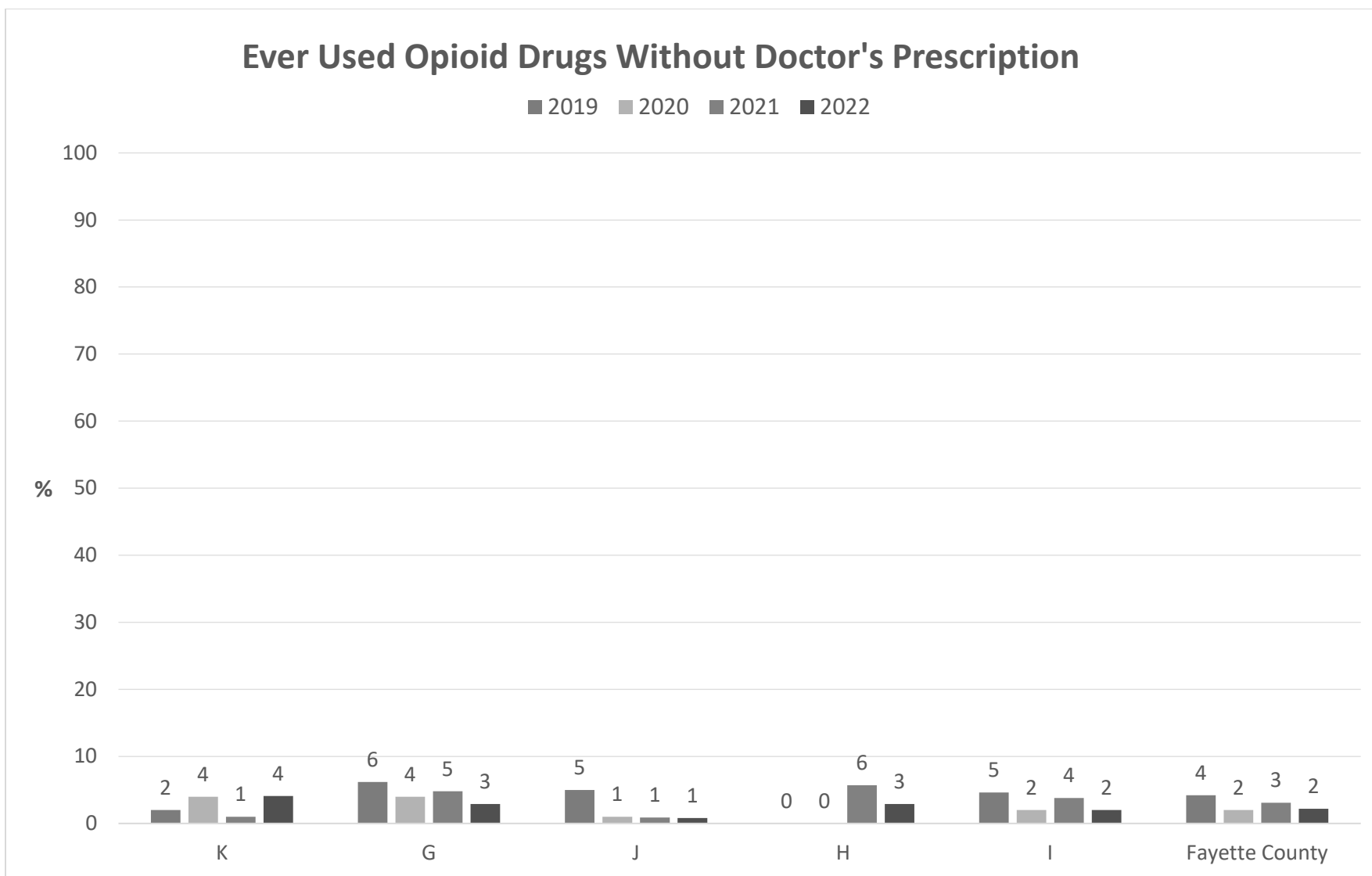


Figure 25: Frequency of students who have ever used opioids without a doctor's prescription

**Table 4. Frequency of students who were 13 years old or younger when they tried the following substances for the first time:**

	Alcohol	Got drunk	Smoked cigarettes	Used e-cigarettes	Cannabis
<b>K (%)</b>					
2019	21	5	9	13	4
2020	28	5	10	17	4
2021	26	6	5	10	4
2022	25	4	9	17	5
<b>G (%)</b>					
2019	36	17	18	34	15
2020	31	11	17	20	16
2021	25	5	15	16	1
2022	34	9	9	22	8
<b>J (%)</b>					
2019	23	9	9	11	9
2020	16	3	3	3	2
2021	22	4	7	9	3
2022	15	2	5	5	2
<b>H (%)</b>					
2019	39	17	15	23	8
2020	6	0	14	6	0
2021	17	6	9	6	3
2022	15	0	6	9	3
<b>I (%)</b>					
2019	24	7	14	16	7
2020	20	4	8	10	3
2021	23	5	9	12	5
2022	20	4	8	11	5
<b>Fayette County (%)</b>					
2019	25	8	13	17	8

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<b>2020</b>	21	5	9	11	5
<b>2021</b>	23	5	9	11	4
<b>2022</b>	21	4	8	12	4



## Section 2: Risk and Protective Factors

Results: Parents/Caregivers

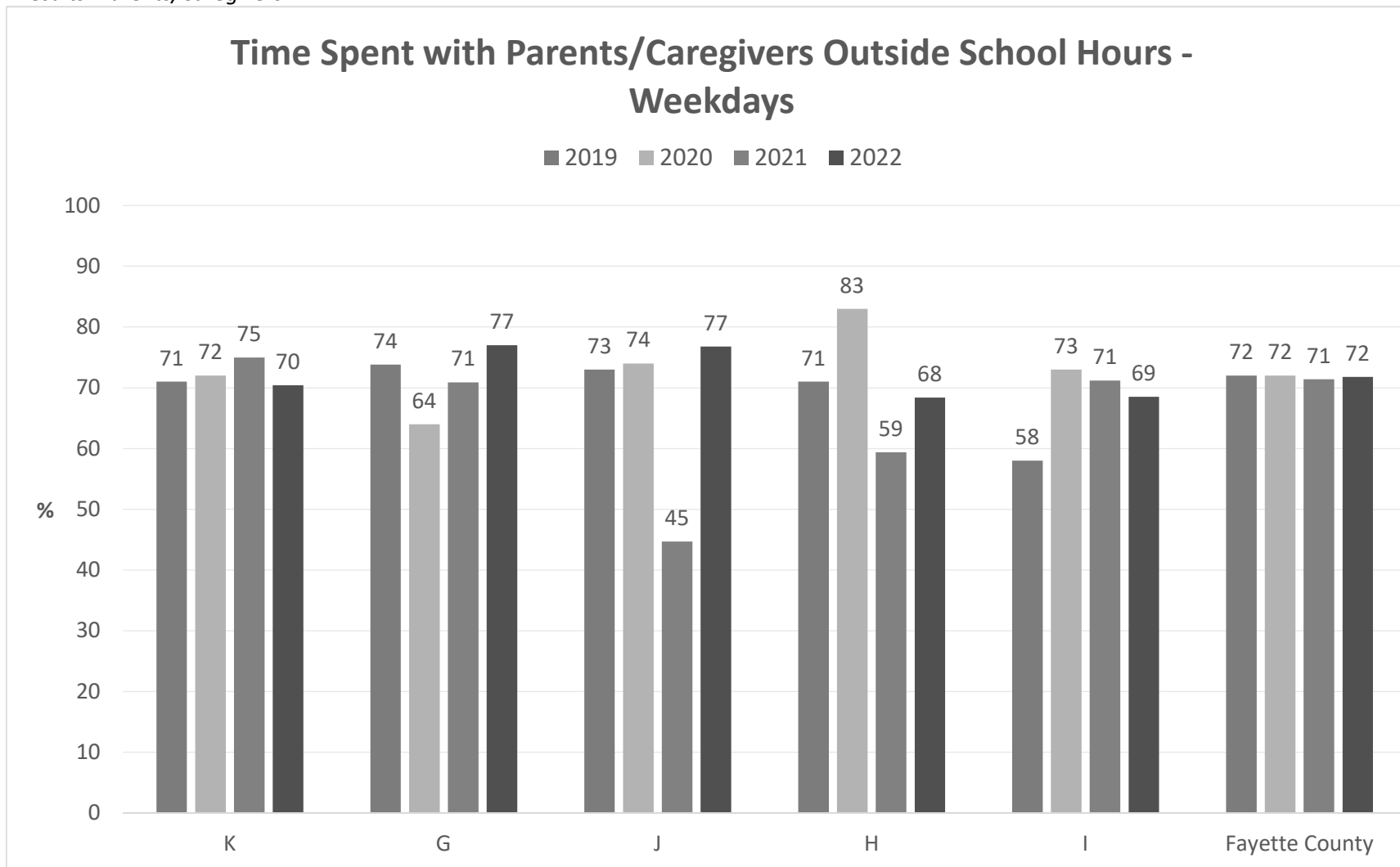


Figure 26. Time spent with parents/caregivers outside school hours on weekdays - “Often” + “Almost Always”

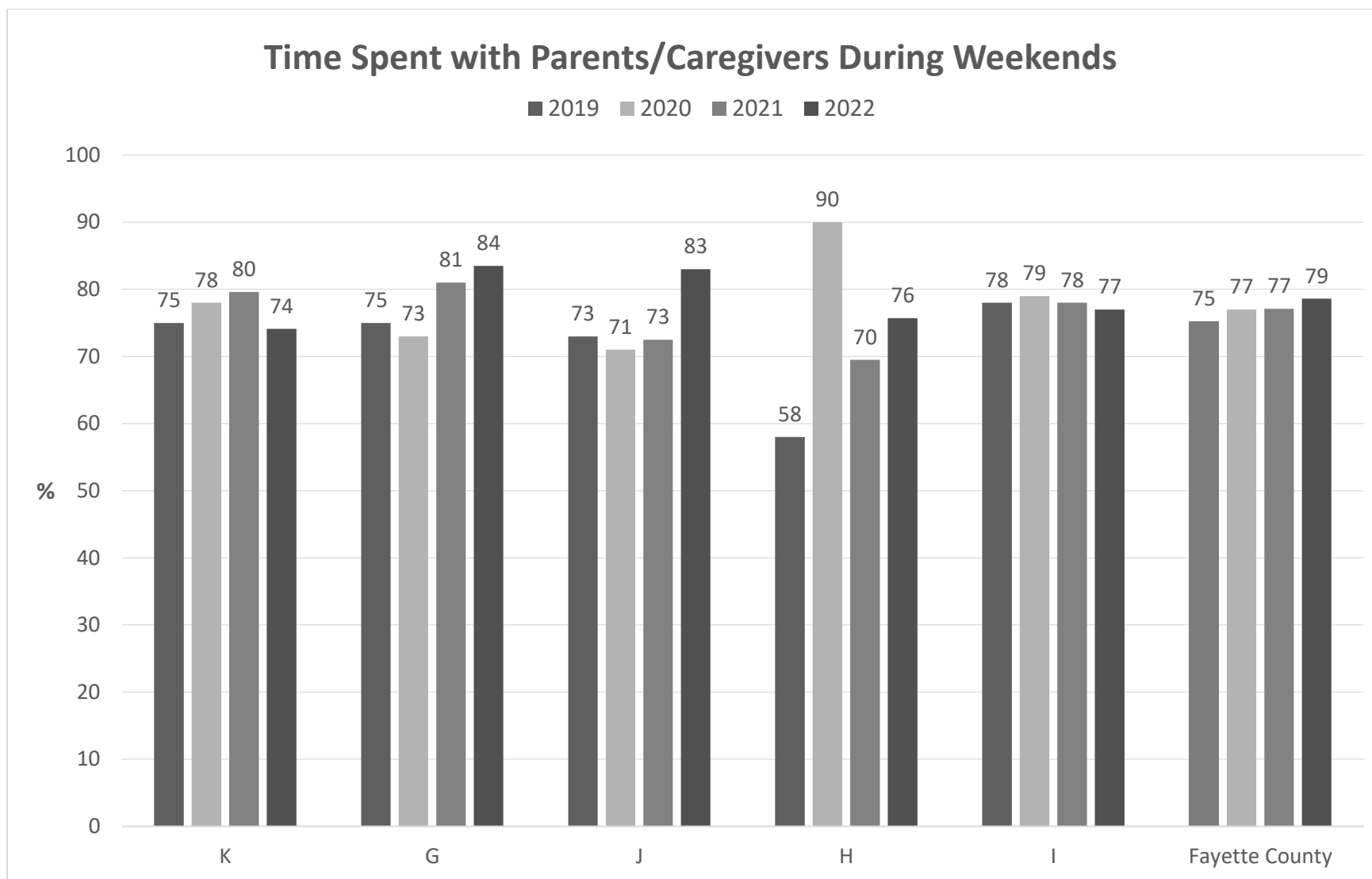


Figure 27. Time spent with parents/caregivers on weekends – “Often” + “Almost Always”

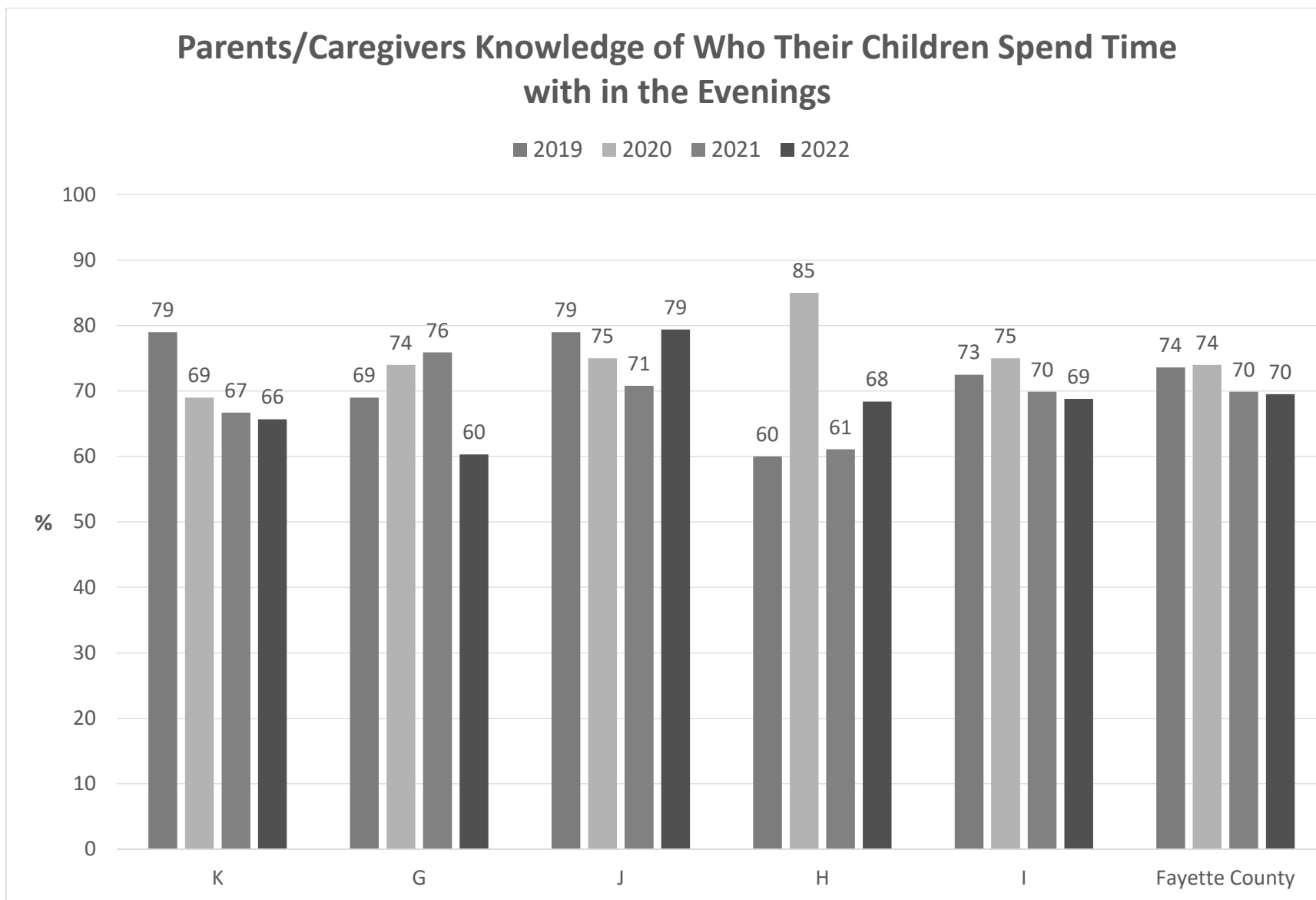


Figure 28. Parents/caregivers know whom I am with in the evenings – “Applies very well to me”

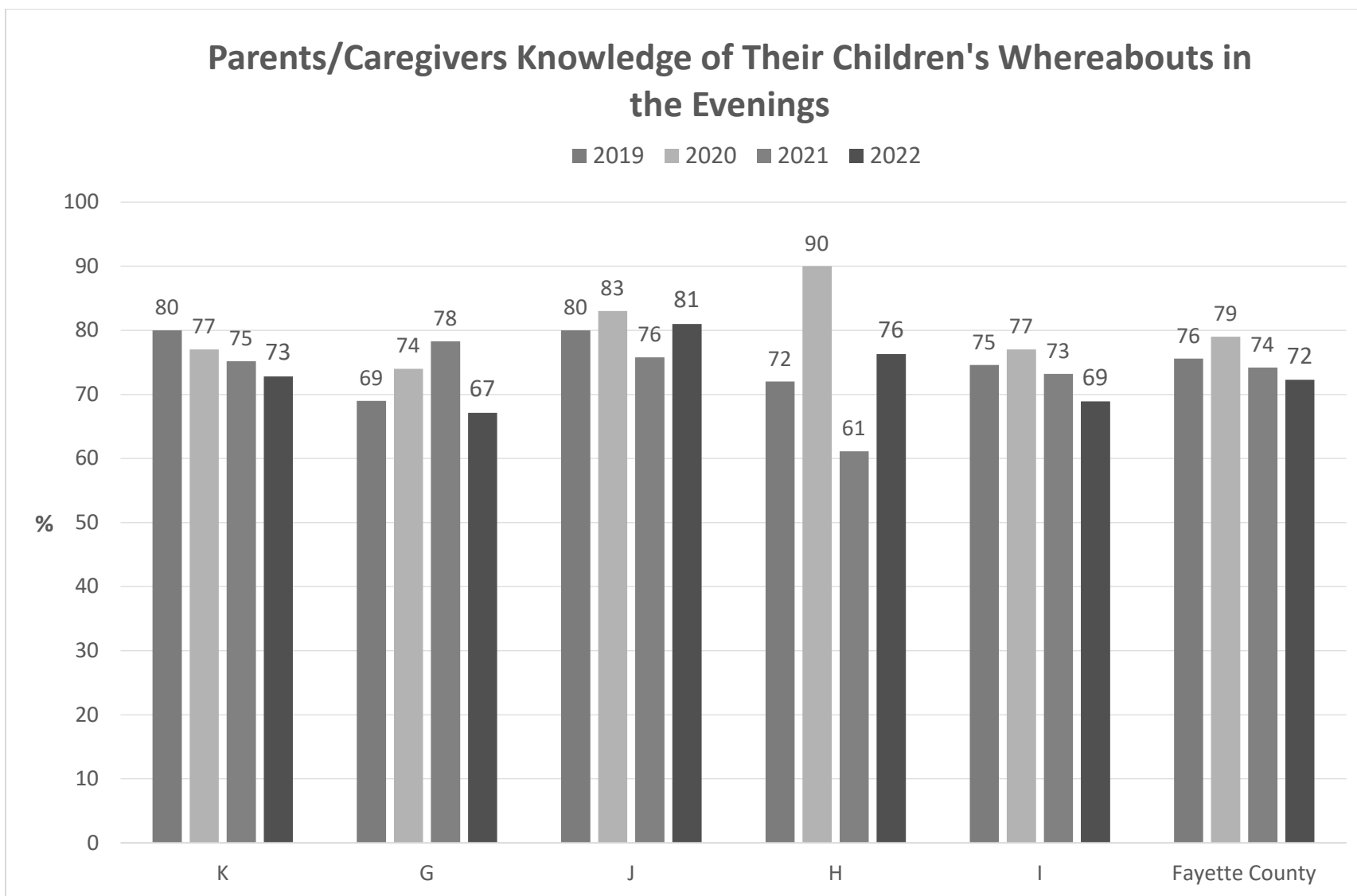


Figure 29. Parents/caregivers knowledge of student location in the evenings – “Applies very well to me”

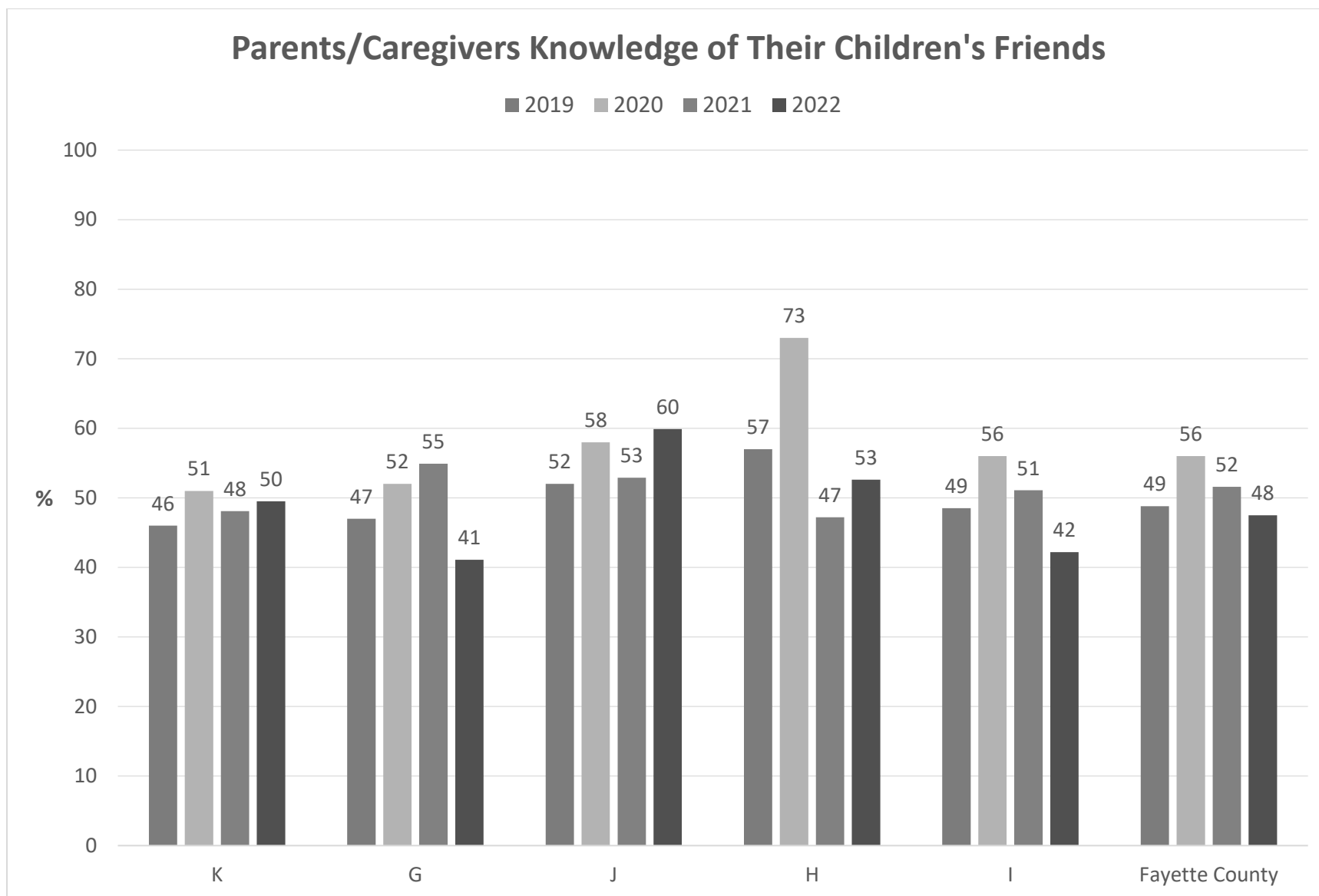


Figure 30. Parents/caregivers knowledge of students' friends – "Applies very well to me"

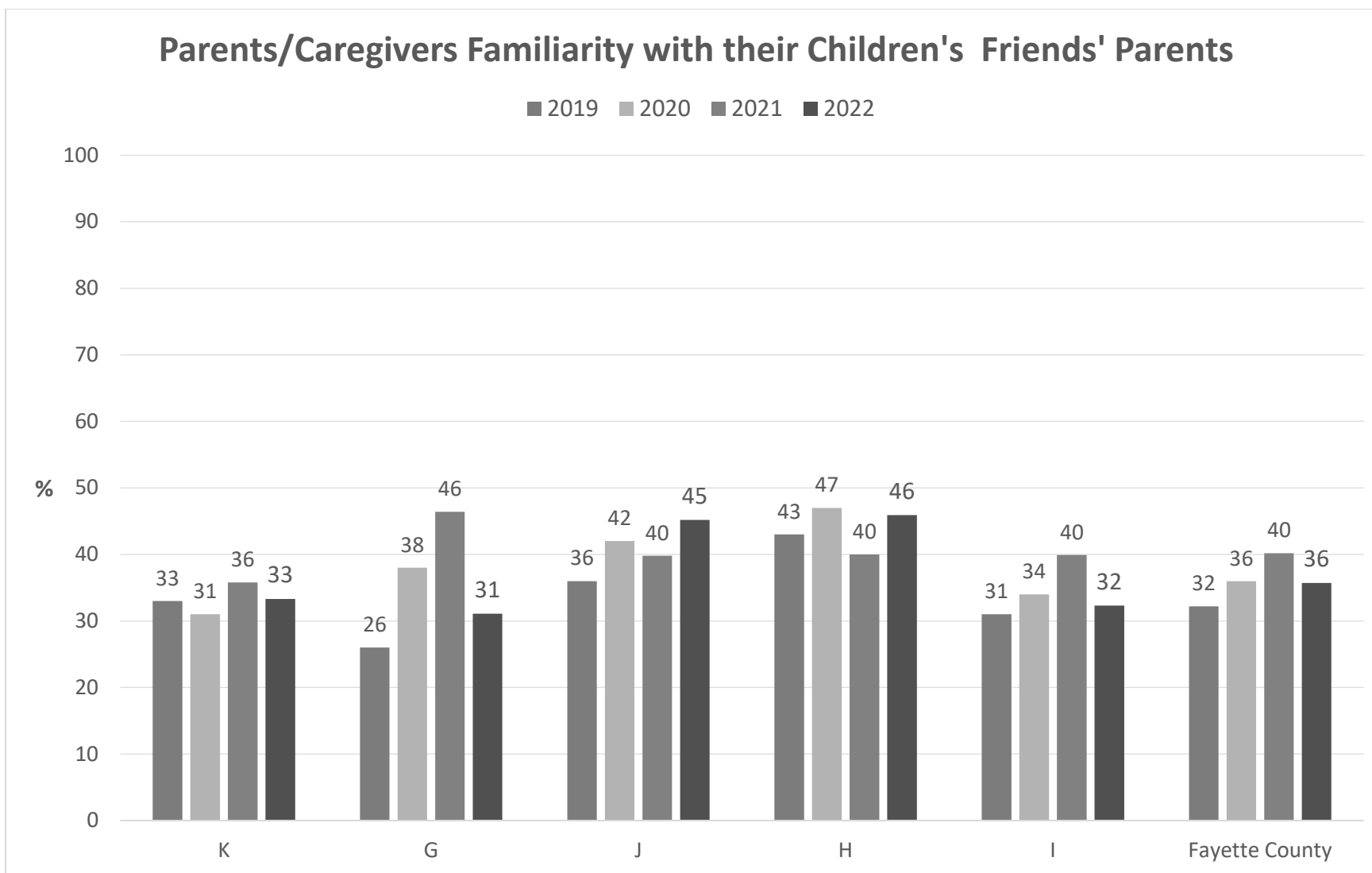


Figure 31. Parent/Caregivers familiarity with students' friends' parents – “Applies very well to me”

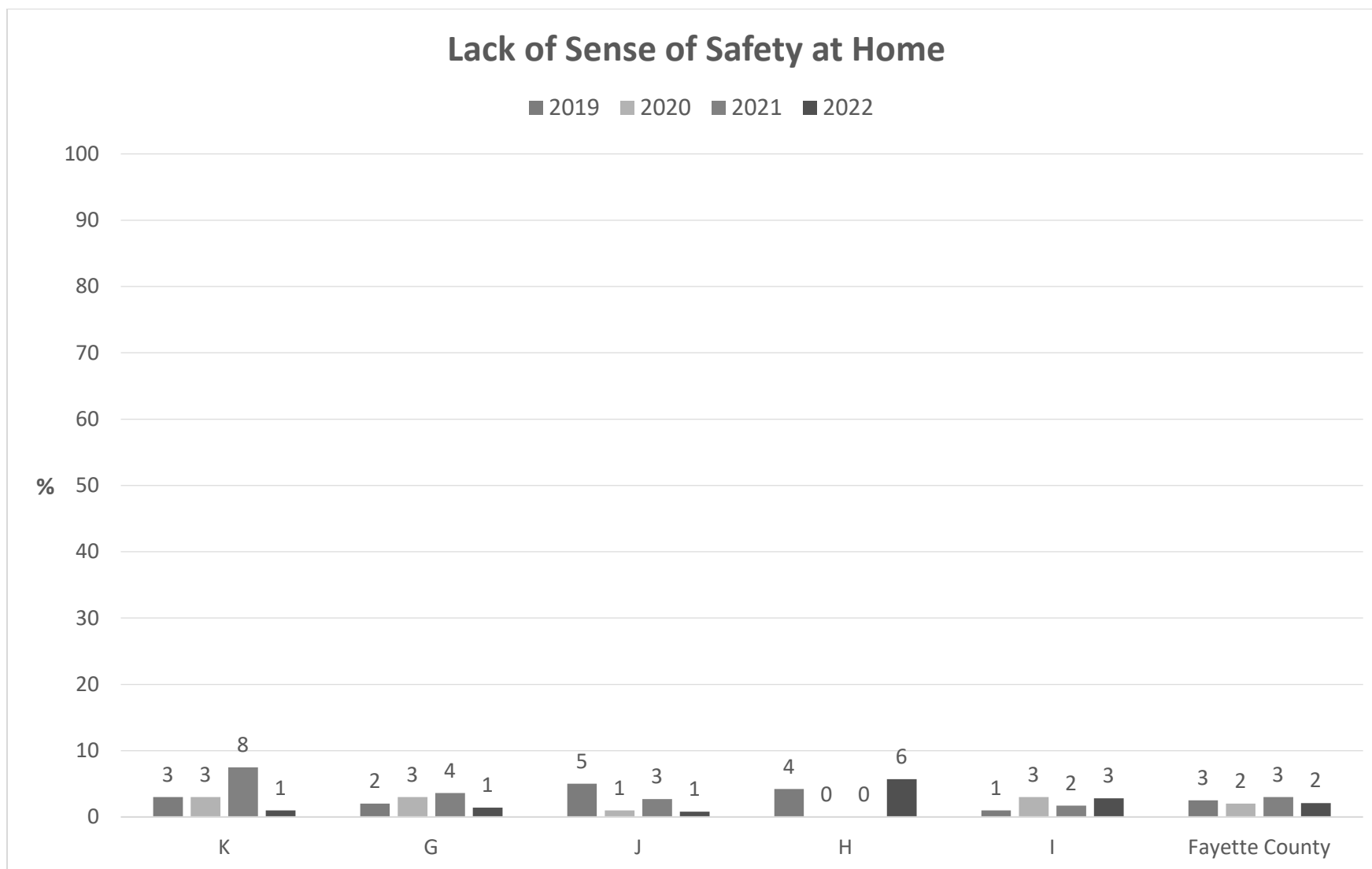


Figure 32. Student feelings of safety at home – “Almost Never” + “Rarely”

**Table 5. Do Any of the Following People Smoke Tobacco on a Daily Basis? (%)**

	Father	Mother
<b>K (%)</b>		
<b>2019</b>	18	21
<b>2020</b>	24	27
<b>2021</b>	29	24
<b>2022</b>	32	32
<b>G (%)</b>		
<b>2019</b>	27	41
<b>2020</b>	35	40
<b>2021</b>	26	37
<b>2022</b>	23	25
<b>J (%)</b>		
<b>2019</b>	35	35
<b>2020</b>	14	19
<b>2021</b>	27	27
<b>2022</b>	20	23
<b>H (%)</b>		
<b>2019</b>	26	31
<b>2020</b>	31	44
<b>2021</b>	32	44
<b>2022</b>	29	26
<b>I (%)</b>		
<b>2019</b>	28	30
<b>2020</b>	26	27
<b>2021</b>	22	23
<b>2022</b>	26	23
<b>Fayette County (%)</b>		
<b>2019</b>	27	31
<b>2020</b>	25	28
<b>2021</b>	26	27
<b>2022</b>	26	24



**Table 6. Do Any of the Following People Get Drunk at least on a Weekly Basis? (%)**

	Father	Mother
<b>K (%)</b>		
2019	2	2
2020	5	5
2021	13	5
2022	10	7
<b>G (%)</b>		
2019	12	6
2020	5	3
2021	5	0
2022	7	4
<b>J (%)</b>		
2019	6	4
2020	1	2
2021	6	3
2022	2	0
<b>H (%)</b>		
2019	14	3
2020	3	0
2021	6	11
2022	8	0
<b>I (%)</b>		
2019	7	5
2020	6	3
2021	7	4
2022	5	2
<b>Fayette County (%)</b>		
2019	7	4
2020	4	3
2021	7	3
2022	6	2

**Table 7. Do any of the following people use marijuana at least once per week? (%)**

	Father	Mother
<b>K (%)</b>		
2019	2	2
2020	0	1
2021	6	4
2022	6	2
<b>G (%)</b>		
2019	10	13
2020	10	10
2021	4	7
2022	6	6
<b>J (%)</b>		
2019	2	2
2020	1	1
2021	5	3
2022	2	0
<b>H (%)</b>		
2019	6	8
2020	3	0
2021	8	8
2022	3	0
<b>I (%)</b>		
2019	4	3
2020	2	3
2021	2	3
2022	6	2
<b>Fayette County (%)</b>		
2019	4	4
2020	3	3
2021	3	4
2022	5	2

**Table 8. How do you think your parents would react if you did any of the following? (They would not care) (%)**

	Smoked Cigarettes	Became Drunk	Smoked Marijuana/Cannabis	Used E-cigarettes or Vaping Devices	Used snuff, chewing tobacco or other tobacco inserted into the mouth
<b>K (%)</b>					
2019	2	2	2	3	3
2020	2	2	2	3	1
2021	4	1	3	2	2
2022	4	6	6	6	3
<b>G (%)</b>					
2019	4	7	8	5	0
2020	4	4	8	4	1
2021	1	4	2	1	1
2022	0	3	4	1	0
<b>J (%)</b>					
2019	2	2	3	2	1
2020	0	2	0	1	1
2021	2	3	1	4	2
2022	0	0	0	0	0
<b>H (%)</b>					
2019	3	6	8	8	6
2020	0	0	0	0	0
2021	3	8	3	3	3
2022	3	5	5	5	5
<b>I (%)</b>					
2019	2	1	2	3	1
2020	1	2	1	1	1
2021	2	2	2	2	1
2022	1	1	2	1	2
<b>Fayette County (%)</b>					
2019	2	2	3	3	2
2020	1	2	2	2	1
2021	2	2	2	2	1
2022	1	2	2	2	2

Results: Peer Group

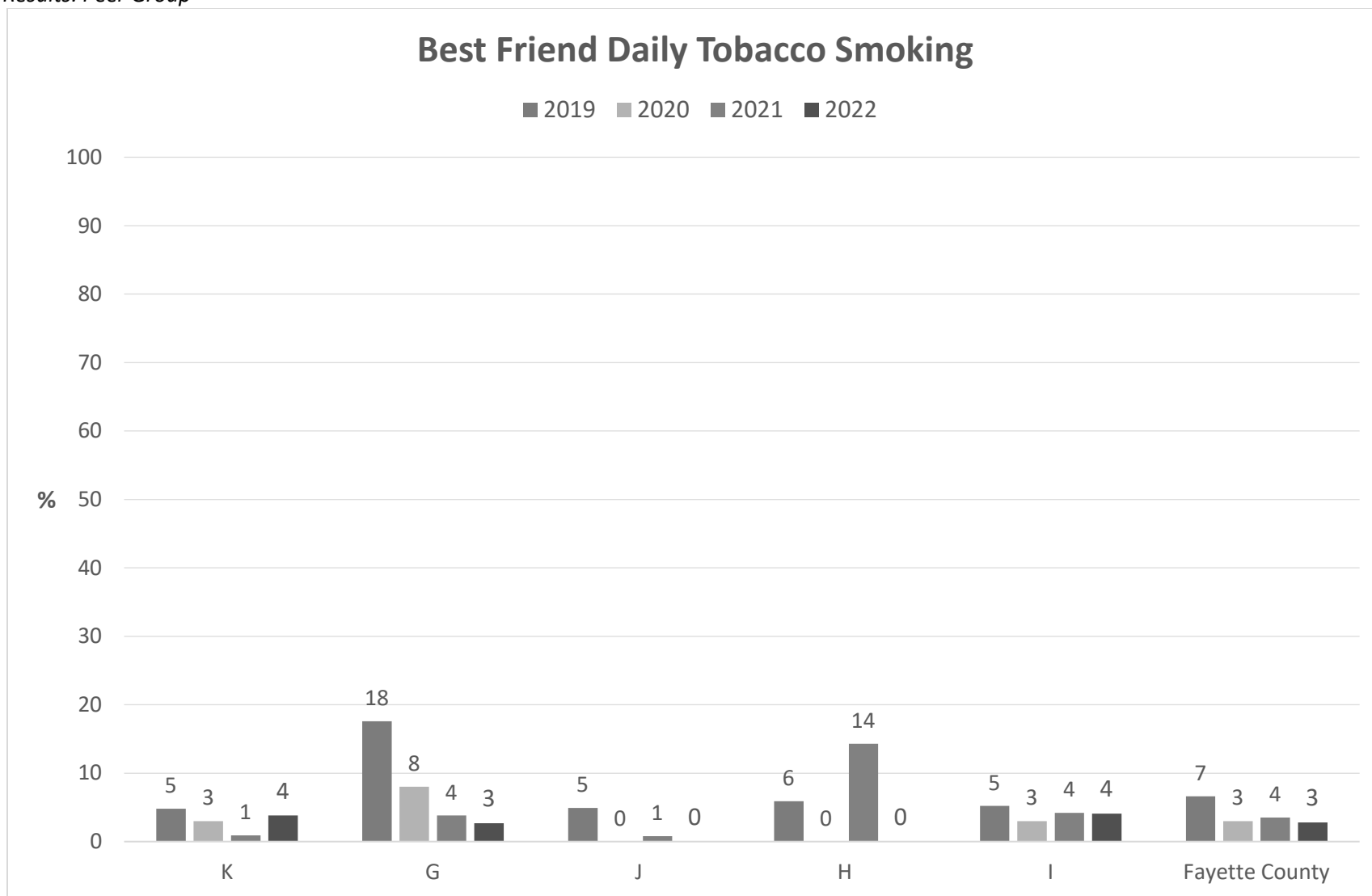


Figure 33. Best Friend Smokes Tobacco on a Daily Basis – “yes”

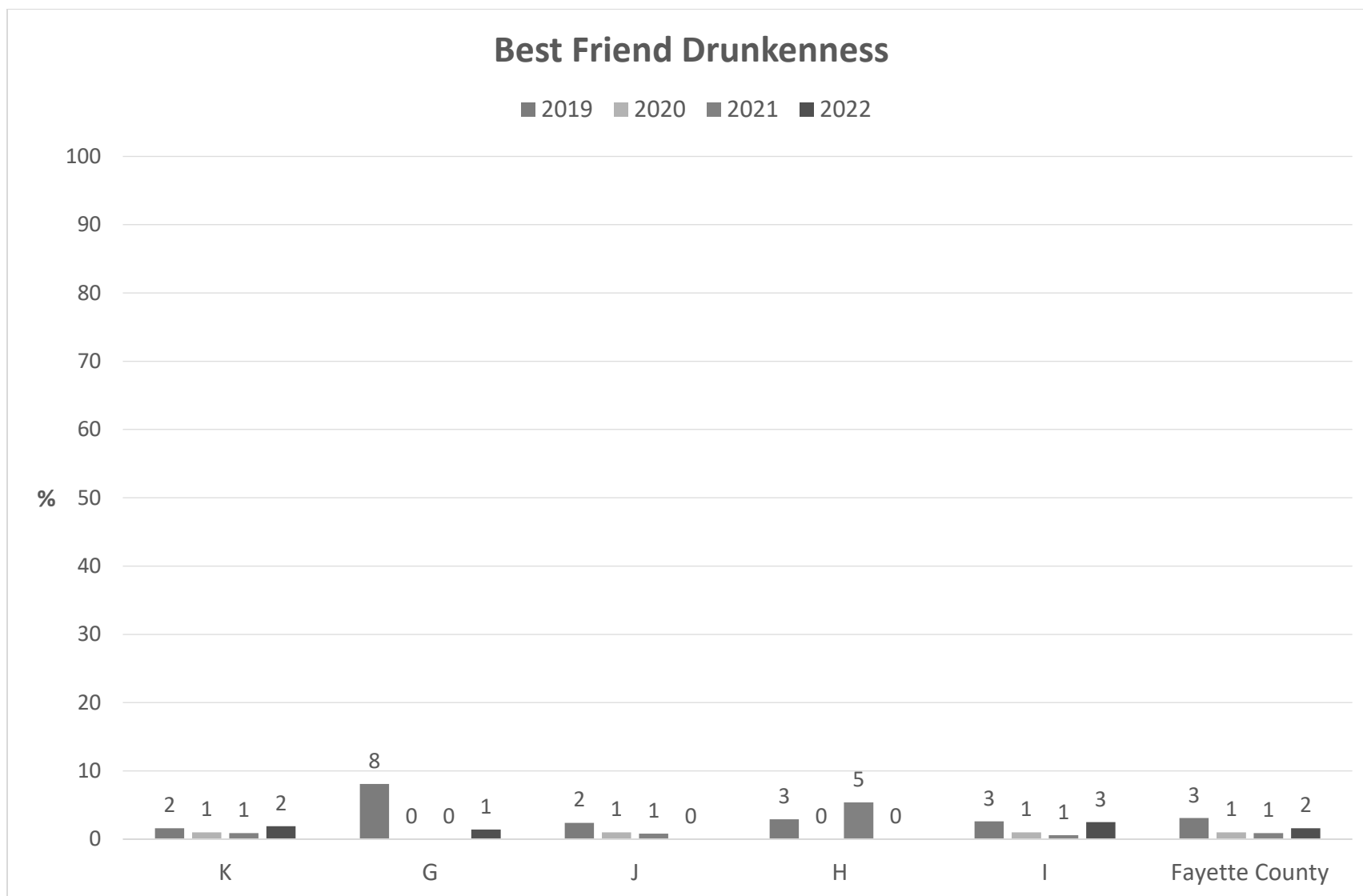


Figure 34. Best Friend Gets Drunk on a Weekly Basis – “yes”

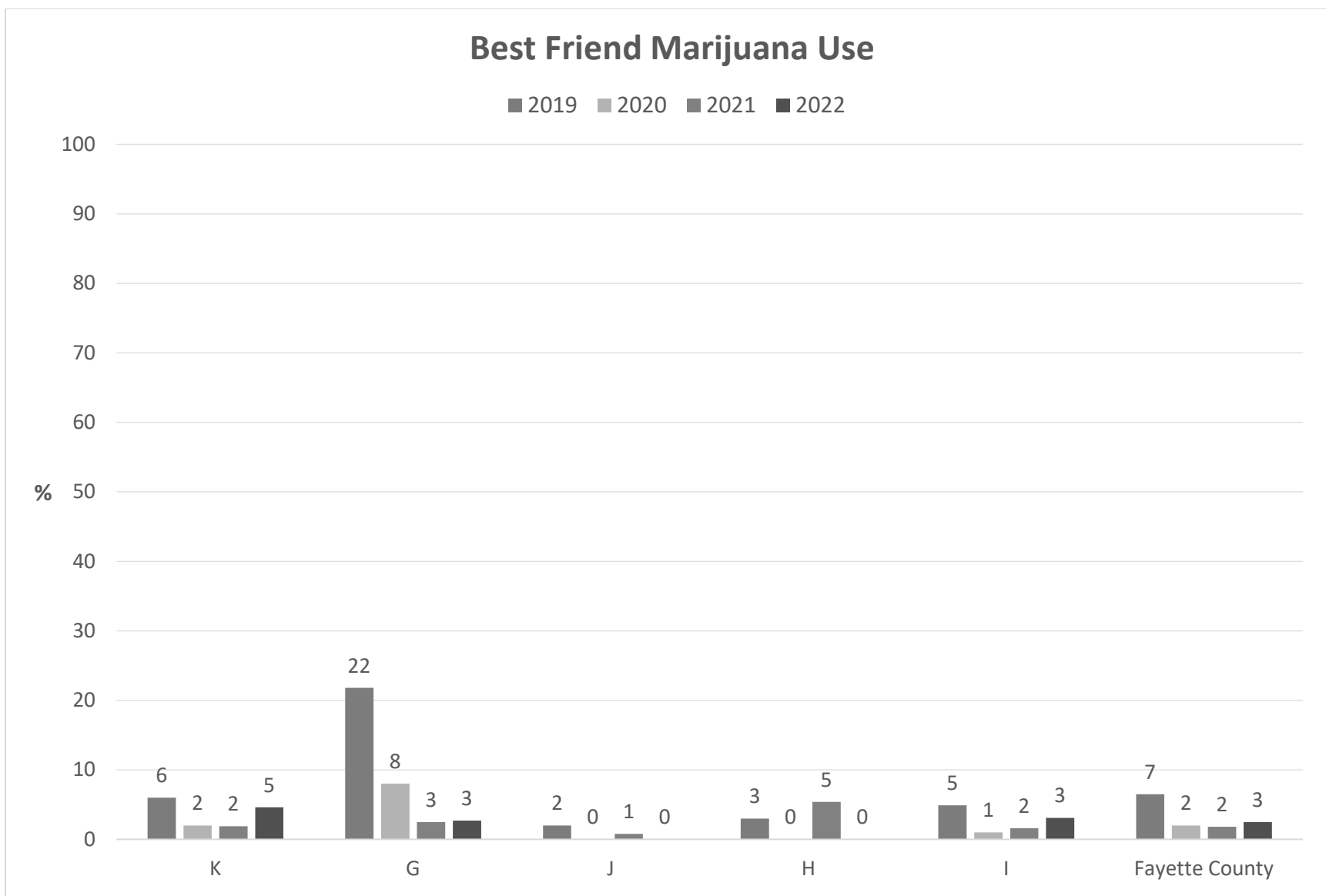


Figure 35. Best Friend Smokes Marijuana on a Weekly Basis – “yes”

**Table 9. Friends' substance use and delinquent behaviors ("Most" + "All") (%)**

	Smoke cigarettes	Drink alcoholic beverages	Get drunk at least once a week	Smoke marijuana	Get bad grades in school	Skip classes or school	Get in trouble at school
<b>K (%)</b>							
2019	3	7	5	5	8	3	10
2020	0	1	1	4	8	2	12
2021	5	6	2	7	9	6	10
2022	4	3	3	5	6	4	13
<b>G (%)</b>							
2019	7	12	8	19	12	5	16
2020	9	9	4	10	6	9	9
2021	1	1	1	1	16	8	17
2022	4	3	4	7	10	11	20
<b>J (%)</b>							
2019	4	3	4	5	10	5	13
2020	1	1	0	0	7	1	4
2021	3	3	2	3	11	2	8
2022	0	0	0	0	7	2	7
<b>H (%)</b>							
2019	0	9	10	10	23	9	5
2020	3	3	3	3	9	3	9
2021	0	3	6	0	19	6	25
2022	3	3	3	3	15	9	21
<b>I (%)</b>							
2019	4	5	4	7	11	5	16
2020	1	1	0	1	7	3	8
2021	2	3	2	5	11	7	10
2022	1	2	2	3	7	4	11
<b>Fayette County (%)</b>							
2019	4	6	5	8	11	5	14

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<b>2020</b>	2	2	1	3	7	3	8
<b>2021</b>	2	3	2	4	12	6	12
<b>2022</b>	2	2	2	3	8	5	12



**Table 10. Perceived peer respect for the following activities – (“Increases Respect a lot” + “Increases Respect Somewhat”) (%)**

	Do well in school	“Skip” or cut classes	Do well in sports	Drink alcohol	Smoke cigarettes	Smoke marijuana	Be against the rules of adults	Steal from shops
<b>K (%)</b>								
2019	73	8	70	6	5	8	10	2
2020	70	6	72	5	4	8	16	5
2021	62	12	62	7	10	8	14	8
2022	66	7	64	5	4	5	13	5
<b>G (%)</b>								
2019	66	17	60	14	11	13	20	8
2020	69	7	63	3	3	7	4	3
2021	76	5	71	4	6	5	18	6
2022	66	11	66	1	4	3	10	4
<b>J (%)</b>								
2019	70	14	68	9	7	9	18	7
2020	69	9	58	6	5	5	7	5
2021	72	8	65	9	7	7	10	7
2022	70	10	68	2	3	3	12	4
<b>H (%)</b>								
2019	89	10	63	16	11	22	11	11
2020	77	9	72	6	6	6	15	3
2021	75	36	72	23	25	26	25	22
2022	76	15	79	6	6	6	12	6
<b>I (%)</b>								
2019	66	12	63	9	10	10	16	9
2020	65	11	59	4	5	6	14	4
2021	70	11	64	7	6	8	14	6
2022	67	12	63	5	4	7	15	5
<b>Fayette County (%)</b>								
2019	69	12	65	10	9	10	16	7

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<b>2020</b>	68	9	63	5	5	6	12	4
<b>2021</b>	70	12	66	8	8	9	15	7
<b>2022</b>	68	11	65	4	4	6	13	5

Results: School

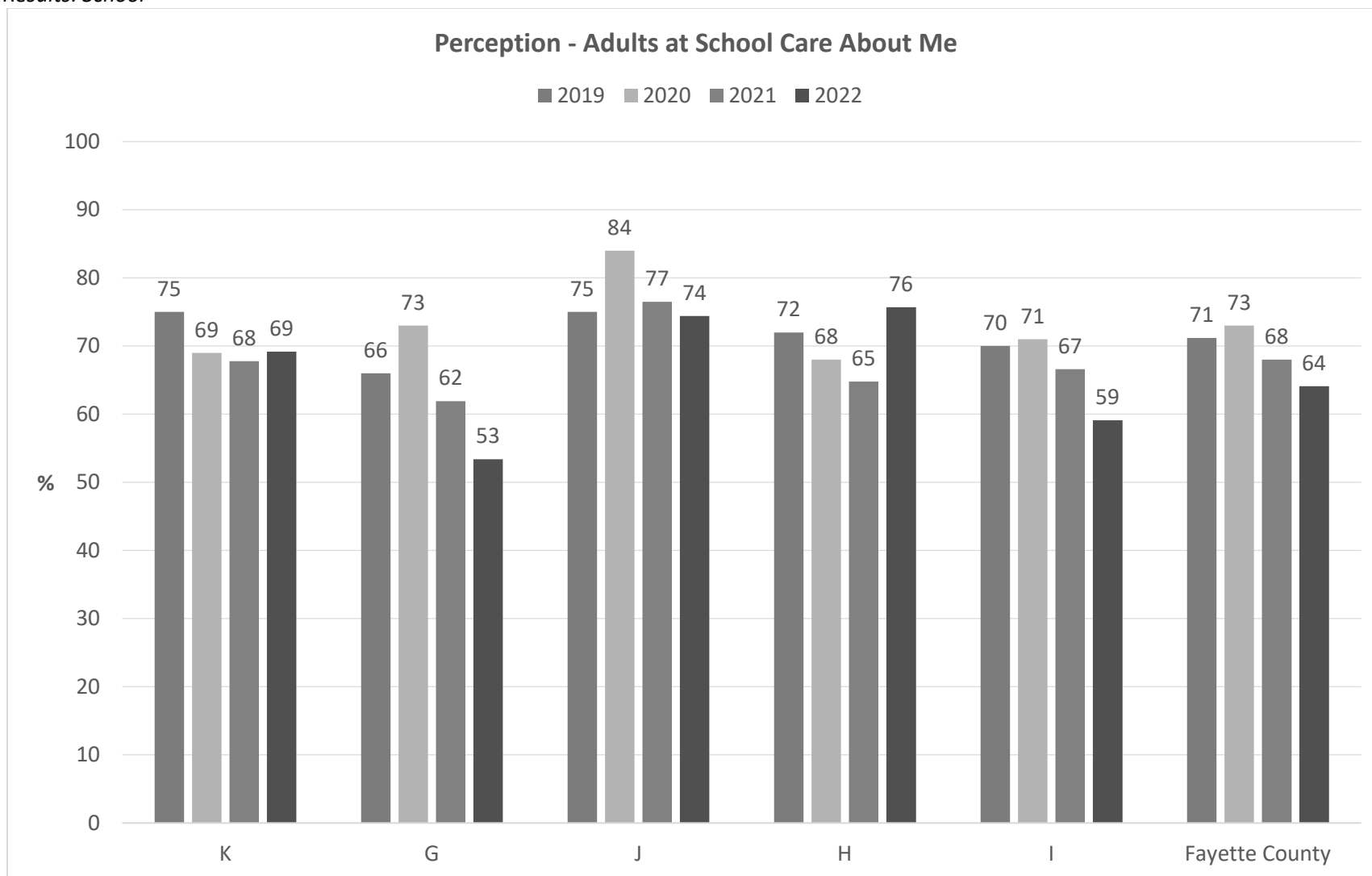


Figure 36. Perception that adults at my school care about me – “Strongly Agree” + “Somewhat Agree”

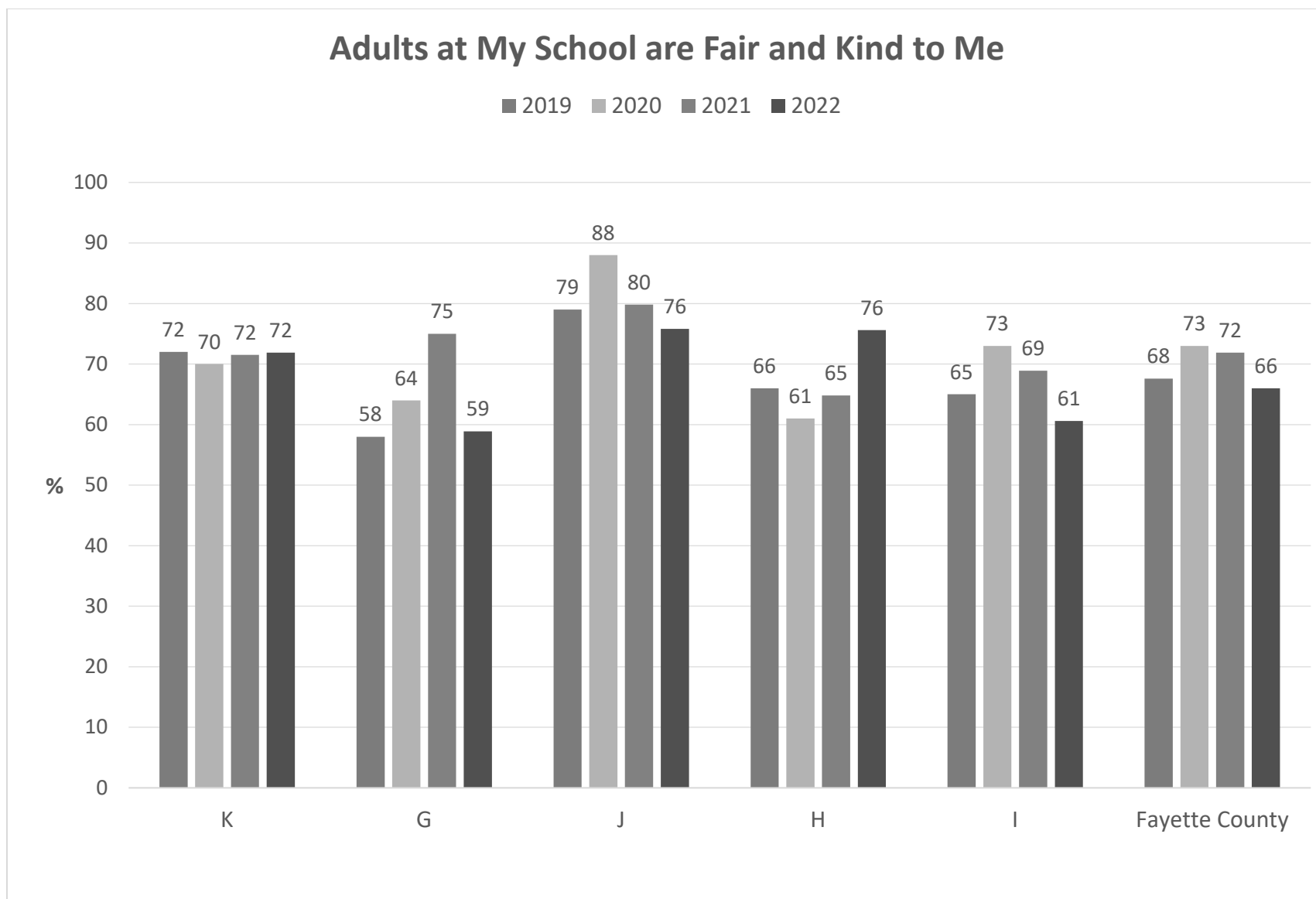


Figure 37. The adults at my school are fair and kind to me – “Strongly Agree” + “Somewhat Agree”

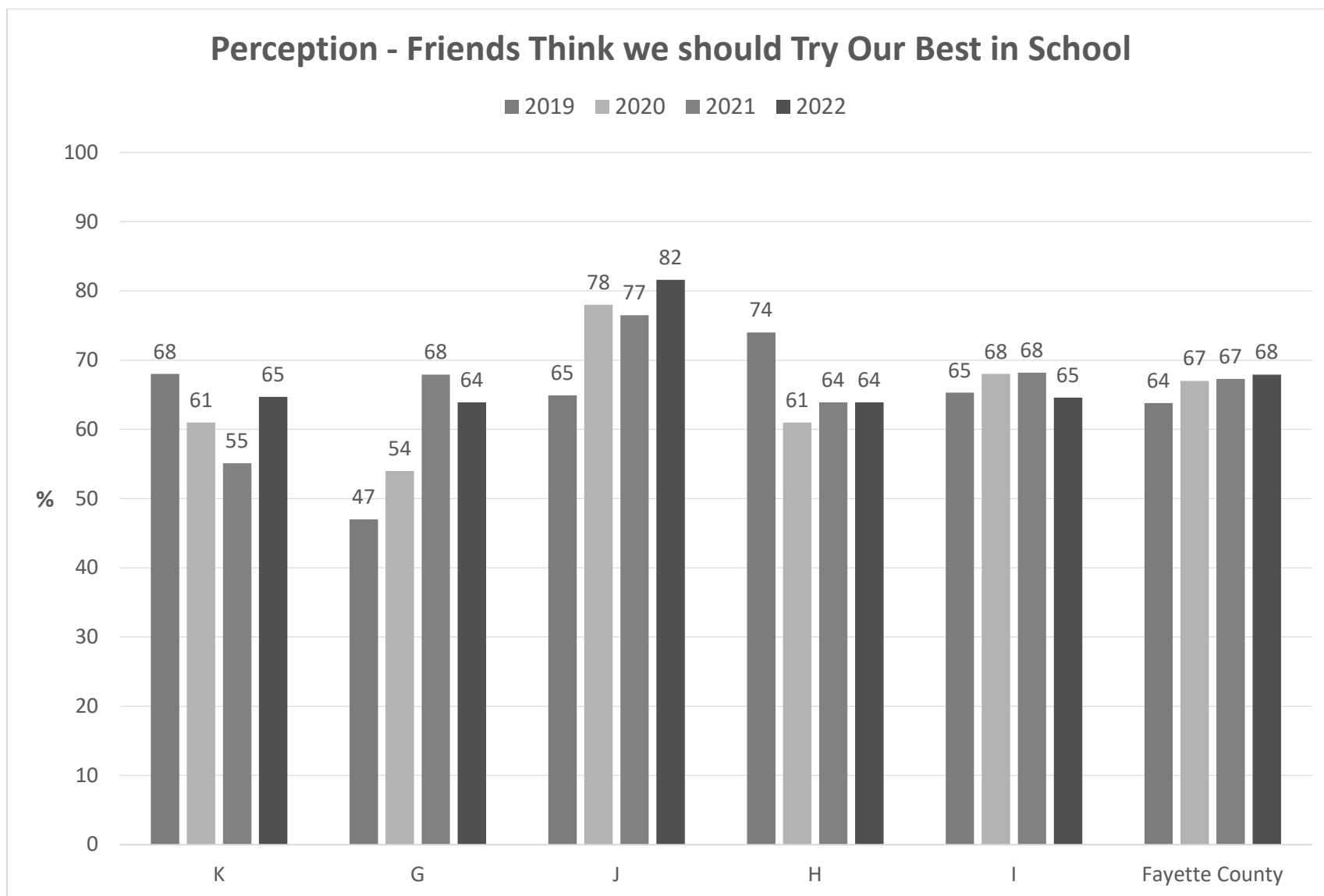


Figure 38. My friends think we should try our best in school – “Strongly Agree” + “Somewhat Agree”

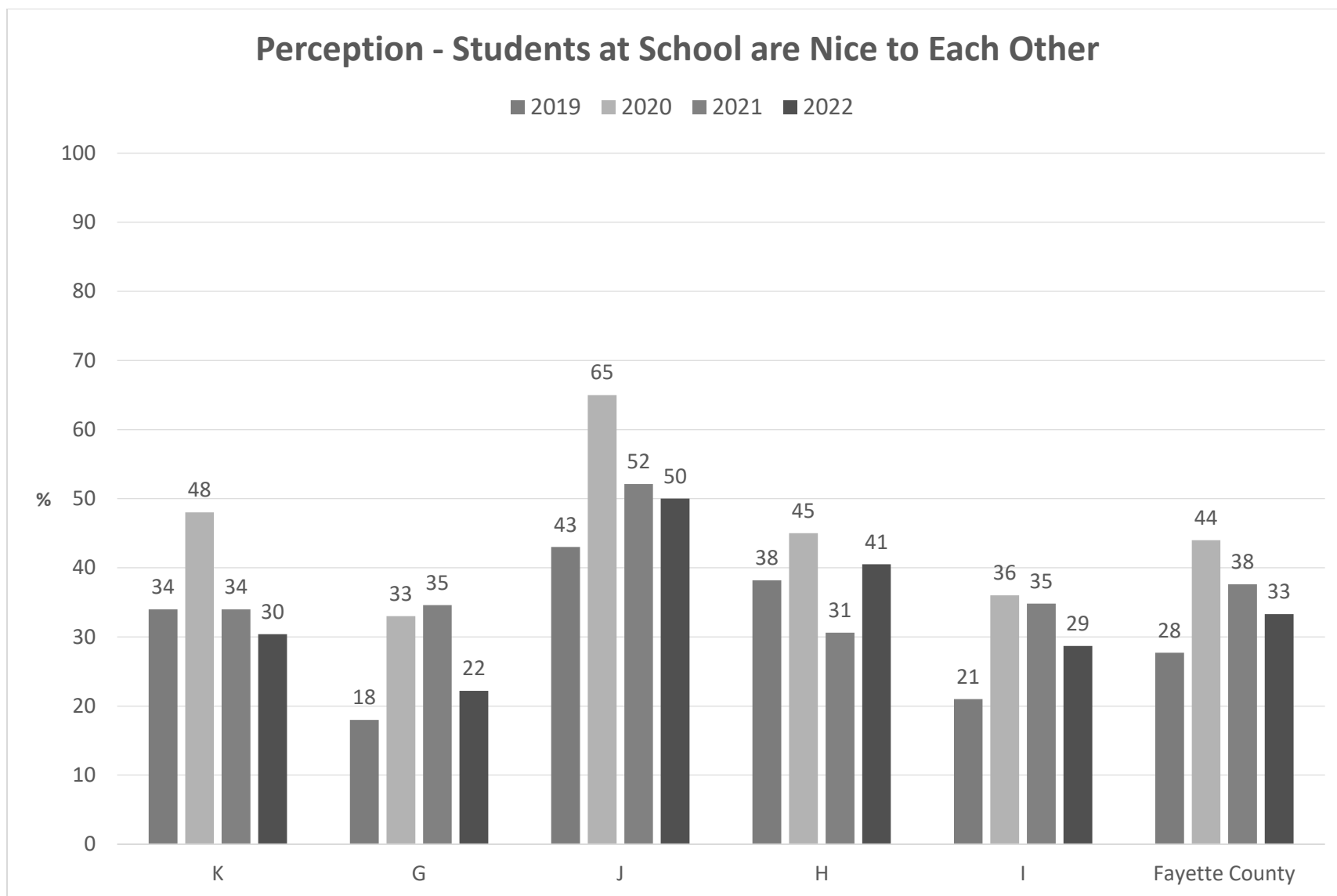


Figure 39. The students at my school are nice to each other – “Strongly Agree” + “Somewhat Agree”

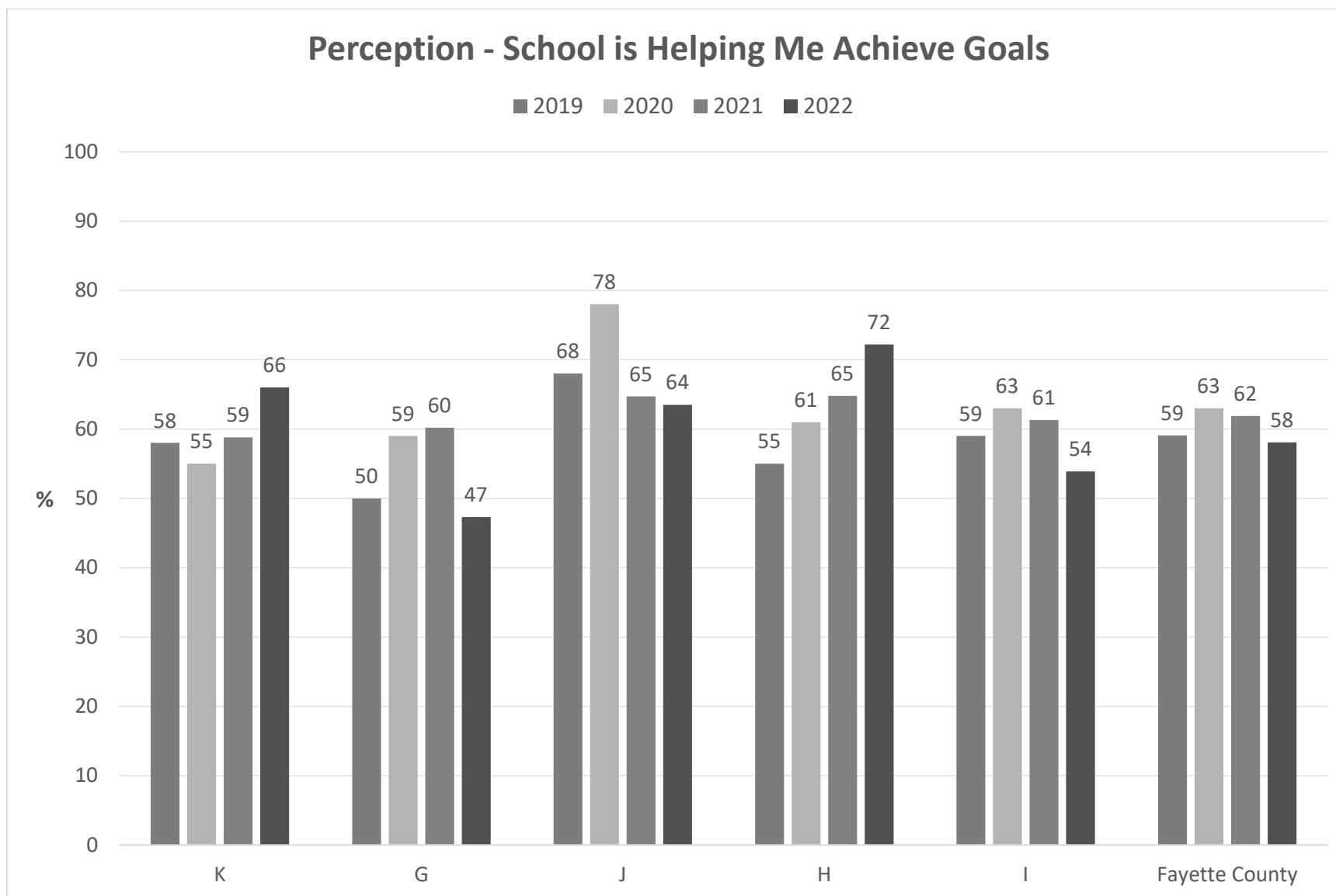


Figure 40. My school is helping me achieve goals that matter to me – “Strongly Agree” + “Somewhat Agree”

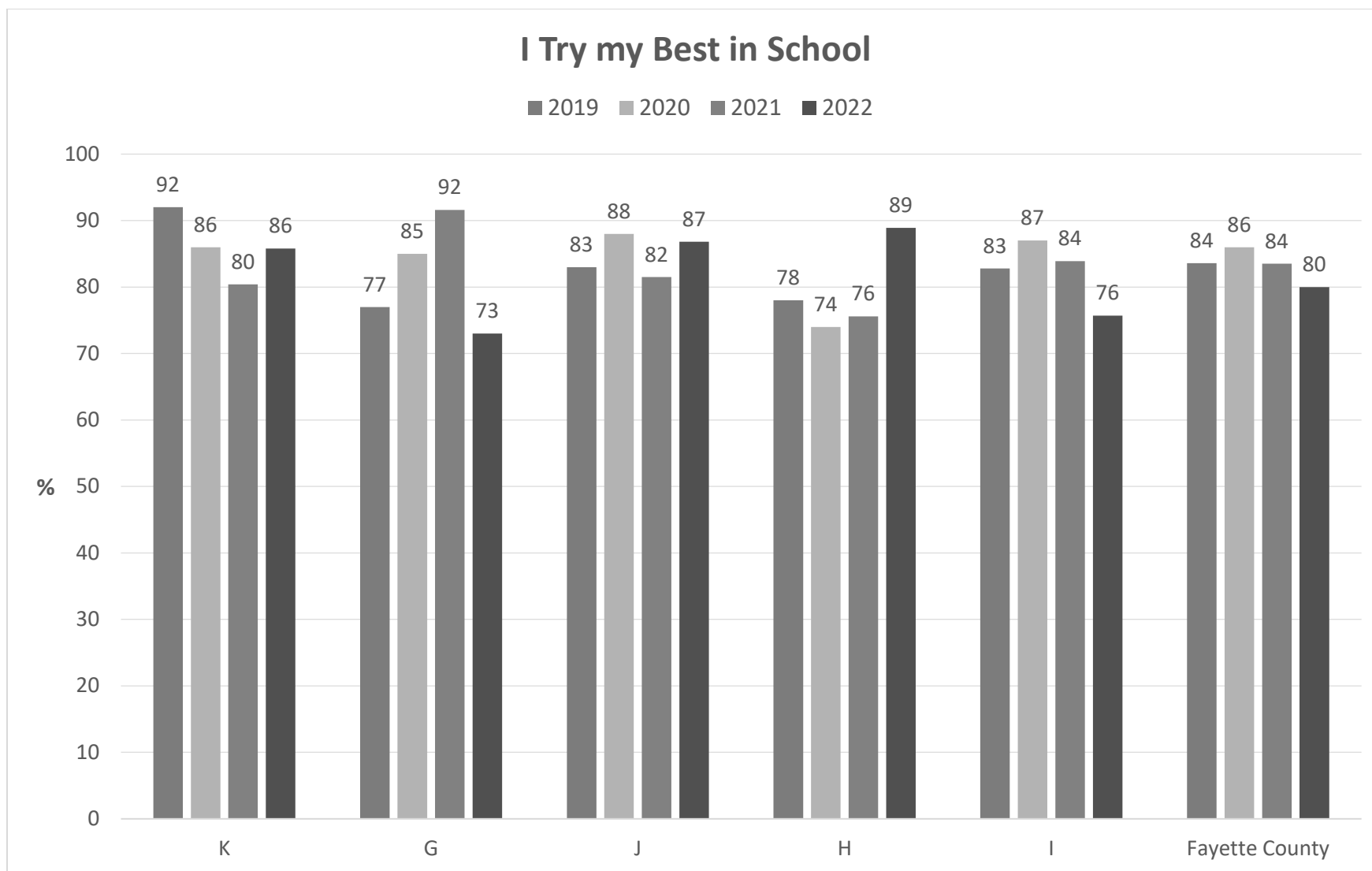


Figure 41. I try my best in school – “Strongly Agree” + “Somewhat Agree”



Table 11. Attitude to school and studies? (“Applies Almost Always to Me” + “Applies Often to Me”) (%)

	I find school pointless	I am bored at school	I feel I do not put enough effort into my schoolwork	I find schoolwork too difficult	I feel bad at school	I want to change schools	I do not get along with my teachers
<b>K (%)</b>							
<b>2019</b>	16	48	15	34	24	25	15
<b>2020</b>	25	55	18	35	21	27	17
<b>2021</b>	14	44	14	27	22	21	14
<b>2022</b>	21	50	18	24	19	15	13
<b>G (%)</b>							
<b>2019</b>	34	65	24	39	33	28	24
<b>2020</b>	19	43	23	26	20	22	13
<b>2021</b>	21	46	17	27	26	18	13
<b>2022</b>	19	51	25	35	29	15	14
<b>J (%)</b>							
<b>2019</b>	18	38	19	28	24	19	18
<b>2020</b>	15	43	15	30	19	9	6
<b>2021</b>	21	47	15	30	20	15	9
<b>2022</b>	20	50	21	22	23	15	10
<b>H (%)</b>							
<b>2019</b>	21	39	9	21	22	24	18
<b>2020</b>	13	46	24	18	16	11	11
<b>2021</b>	32	51	16	38	32	24	30
<b>2022</b>	30	45	27	22	16	11	19
<b>I (%)</b>							
<b>2019</b>	29	53	22	30	26	26	18
<b>2020</b>	16	49	21	32	23	15	12
<b>2021</b>	26	53	17	36	26	17	17
<b>2022</b>	23	58	15	31	24	19	12
<b>Fayette County (%)</b>							

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<b>2019</b>	25	50	20	31	26	25	18
<b>2020</b>	17	47	20	30	21	17	12
<b>2021</b>	23	49	16	32	25	18	12
<b>2022</b>	22	54	18	28	23	17	13

**Table 12. “School absenteeism in last 30 days (1+ days)” (%)**

	Because of illness	Because you “skipped” or “cut” classes
<b>K (%)</b>		
2019	70	6
2020	32	8
2021	64	14
2022	59	11
<b>G (%)</b>		
2019	66	27
2020	52	11
2021	65	16
2022	84	15
<b>J (%)</b>		
2019	60	16
2020	37	10
2021	62	9
2022	82	7
<b>H (%)</b>		
2019	69	30
2020	29	9
2021	78	23
2022	49	11
<b>I (%)</b>		
2019	66	15
2020	46	11
2021	78	12
2022	82	14
<b>Fayette County (%)</b>		
2019	66	16
2020	42	10
2021	71	13
2022	77	12

Results: Leisure time

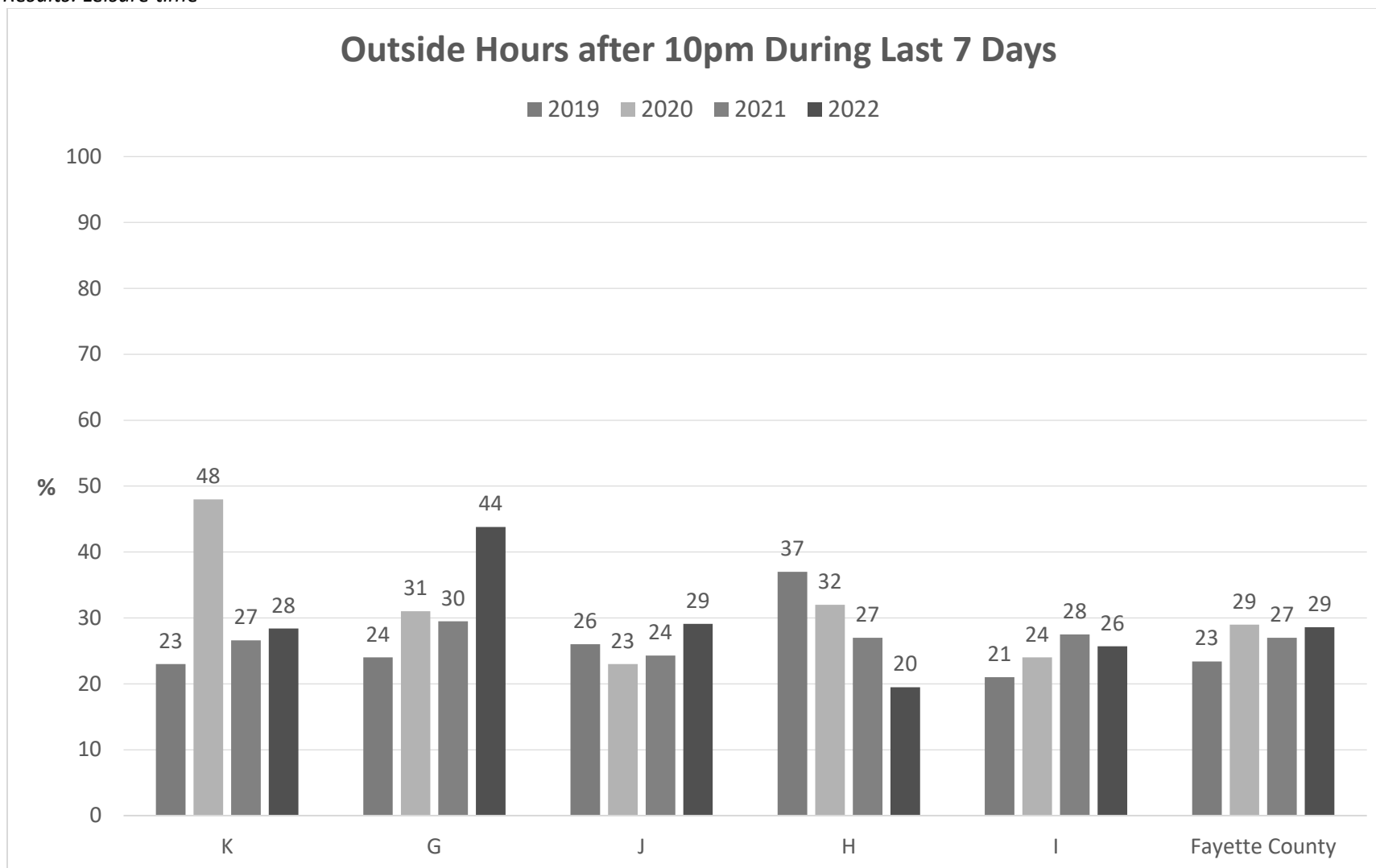


Figure 42. Outside after 10pm in the last 7 days - “at least twice a week”

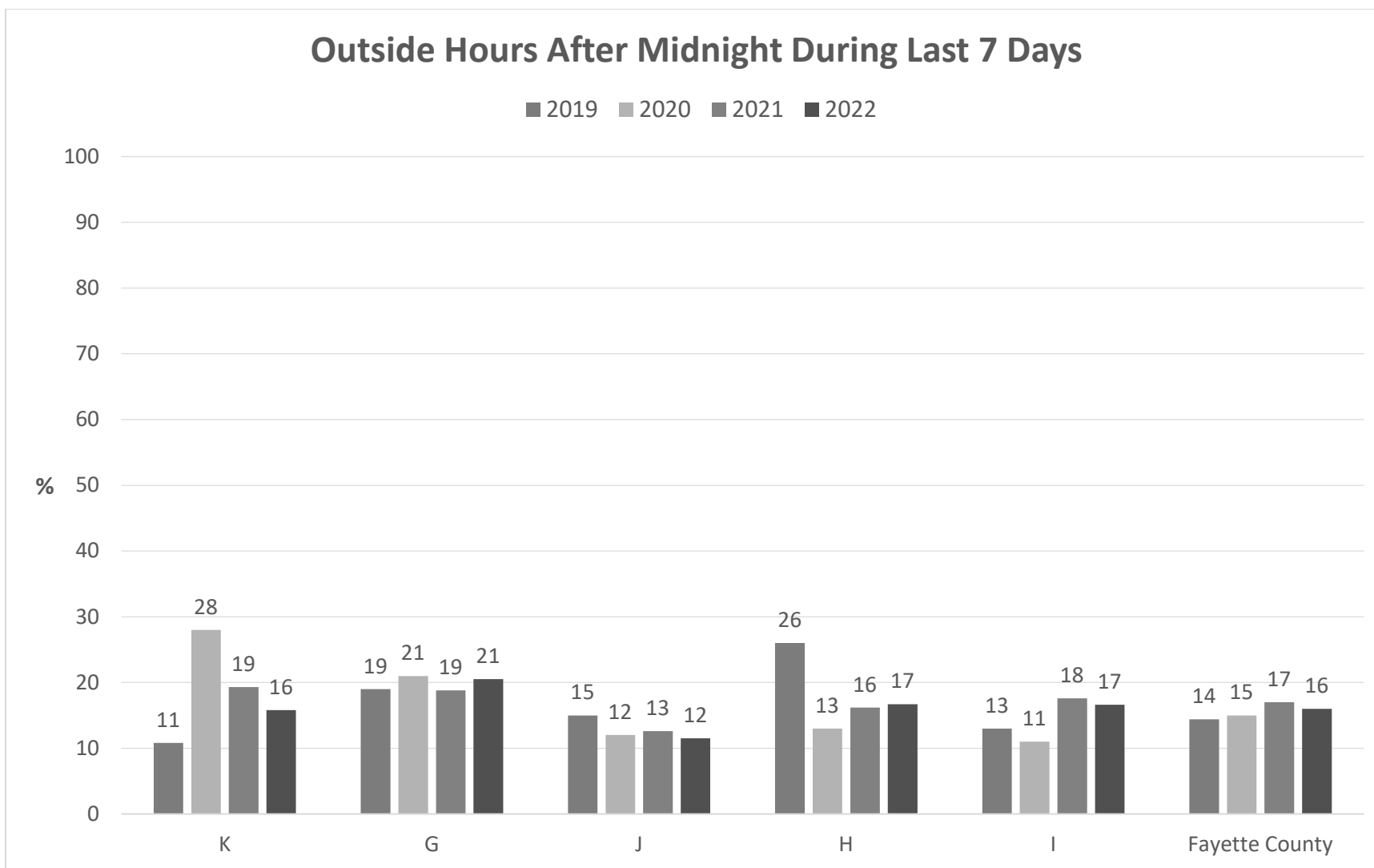


Figure 43. Outside after midnight in the last 7 days - "Once or more often"

**Table 13. How many times a week do you participate in any of the following out-of-school activities that are supervised by adults?- (%) (2 times a week or more often)**

	Sports or sports teams (swim team, soccer, football, dance)	Religious organizations (e.g. youth group, go to church)	Art, Drama, or musical instrument (band) classes	Volunteering in the community	Go to a community center like “Boys and Girls Club” or another such After-school program	Other
<b>K (%)</b>						
<b>2019</b>	57	17	10	8	6	38
<b>2020</b>	54	11	10	6	6	17
<b>2021</b>	54	14	36	9	4	23
<b>2022</b>	58	23	40	11	8	28
<b>G (%)</b>						
<b>2019</b>	40	13	24	6	4	34
<b>2020</b>	41	16	16	14	7	20
<b>2021</b>	44	15	9	8	4	32
<b>2022</b>	41	21	10	16	4	24
<b>J (%)</b>						
<b>2019</b>	48	40	30	13	13	35
<b>2020</b>	36	27	21	11	6	26
<b>2021</b>	54	25	34	13	9	31
<b>2022</b>	54	33	31	17	9	29
<b>H (%)</b>						
<b>2019</b>	65	24	60	15	14	36
<b>2020</b>	24	12	22	6	3	19
<b>2021</b>	51	20	36	22	14	20
<b>2022</b>	60	6	20	6	6	24
<b>I (%)</b>						
<b>2019</b>	40	29	22	14	7	31
<b>2020</b>	31	23	10	6	3	21
<b>2021</b>	44	20	17	11	5	25

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<b>2022</b>	36	24	20	12	7	22
<b>Fayette County (%)</b>						
<b>2019</b>	45	26	23	12	8	34
<b>2020</b>	36	20	13	8	4	21
<b>2021</b>	48	19	23	11	6	26
<b>2022</b>	45	24	24	13	7	25

Table 14. Unsupervised leisure time, once per week or more? - (%)

	Hang out at a friend's home with no adult present	Hang out with friends in a local parking lot	Hang out with friends in a field or wooded area	Hang out with friends in a local mall, shopping center, or downtown stores	Hang out with friends at a nearby school when school is closed	Hang out with friends in an abandoned building or empty house
<b>K (%)</b>						
2019	5	2	4	8	8	3
2020	11	5	4	5	7	2
2021	14	9	12	13	11	10
2022	7	4	8	12	8	4
<b>G (%)</b>						
2019	11	12	11	10	12	10
2020	6	7	16	9	7	6
2021	15	10	21	8	12	10
2022	15	11	17	7	15	11
<b>J (%)</b>						
2019	14	5	9	9	10	4
2020	4	2	3	1	1	0
2021	14	10	10	6	11	5
2022	8	4	6	7	3	1
<b>H (%)</b>						
2019	6	0	0	11	6	0
2020	3	0	3	0	0	0
2021	14	14	12	9	14	9
2022	6	6	12	9	6	3
<b>I (%)</b>						
2019	11	5	9	13	6	5
2020	12	7	12	12	5	4
2021	13	5	10	15	8	5
2022	10	6	7	11	6	4
<b>Fayette County (%)</b>						



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<b>2019</b>	10	5	8	11	8	5
<b>2020</b>	9	5	9	7	5	3
<b>2021</b>	14	8	12	12	10	7
<b>2022</b>	9	6	8	10	7	4

Results: Community

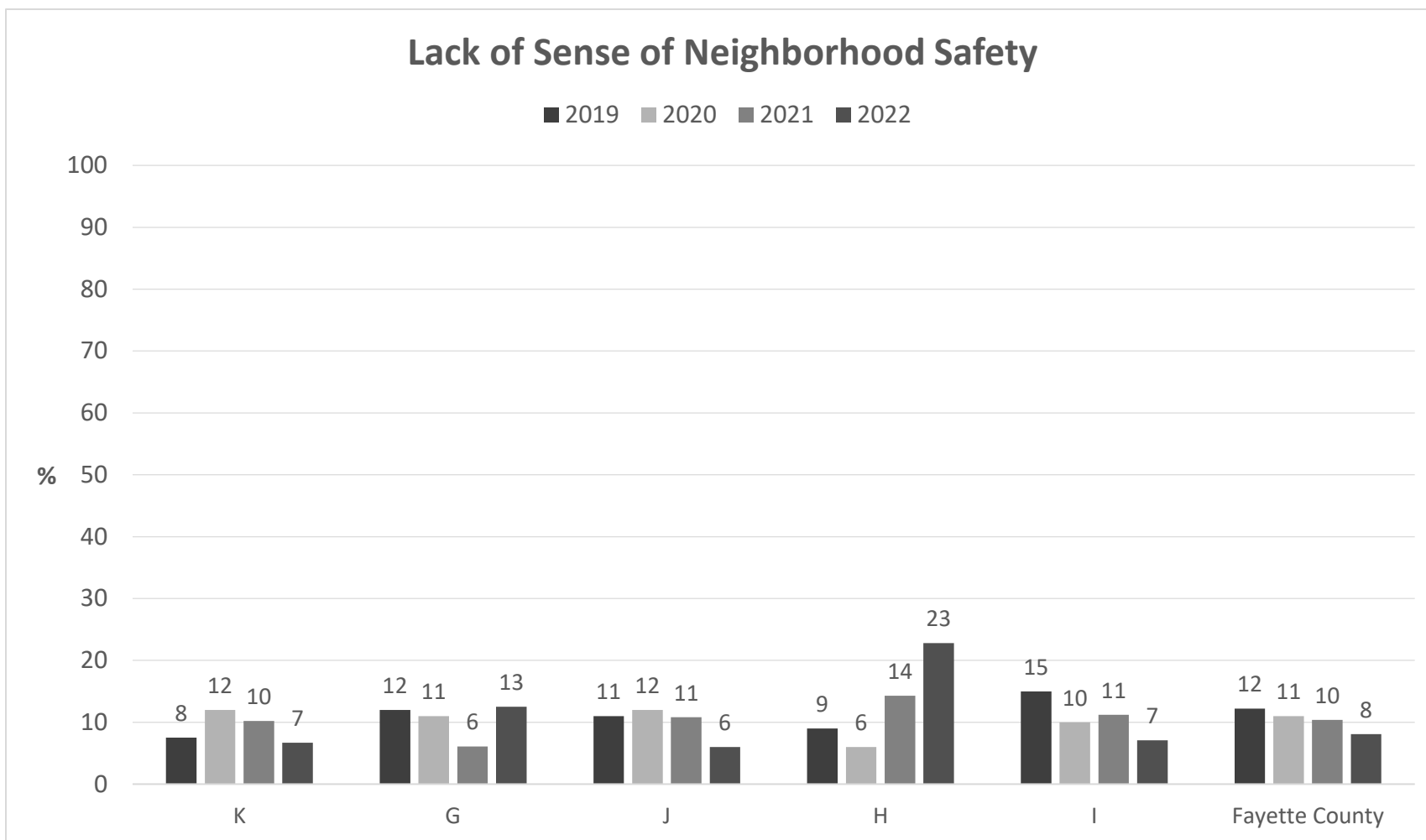


Figure 44. I feel safe in my neighborhood - "Almost Never + Rarely"

**Table 15. Neighborhood/community lack of cohesion. How likely or unlikely is it that your neighbors would do something if...? – (“Rather unlikely” + “Very unlikely”) (%)**

	...the kids in the neighborhood were skipping school and hanging around	...the kids were doing graffiti on houses in the area	...the kids disrespected the adults	...if a fight broke out in front of your house	...somebody was breaking into a car or a house on your street
<b>K (%)</b>					
<b>2019</b>	46	35	34	39	34
<b>2020</b>	49	28	33	34	24
<b>2021</b>	51	38	38	42	36
<b>2022</b>	54	38	37	41	37
<b>G (%)</b>					
<b>2019</b>	45	33	28	29	25
<b>2020</b>	50	39	32	38	36
<b>2021</b>	48	34	30	36	27
<b>2022</b>	48	37	32	40	44
<b>J (%)</b>					
<b>2019</b>	42	35	53	37	37
<b>2020</b>	53	37	40	42	37
<b>2021</b>	48	31	38	40	27
<b>2022</b>	49	36	33	34	31
<b>H (%)</b>					
<b>2019</b>	50	48	52	38	45
<b>2020</b>	53	32	26	38	29
<b>2021</b>	54	37	38	37	32
<b>2022</b>	46	29	46	46	37
<b>I (%)</b>					
<b>2019</b>	42	35	30	32	30
<b>2020</b>	41	32	30	33	32
<b>2021</b>	41	36	33	36	30
<b>2022</b>	46	33	31	37	32

<b>Fayette County (%)</b>					
<b>2019</b>	43	35	52	34	32
<b>2020</b>	46	33	32	36	32
<b>2021</b>	46	35	35	37	30
<b>2022</b>	48	35	34	38	35

**Table 16. Neighborhood/community ties... – (“Strongly Agree” + “Somewhat Agree”) (%)**

	There is a great deal of social life available in my neighborhood/ community	It is good to live in my neighborhood/ community	In the future I would like to continue to live in the neighborhood/ community that I live in at this present time
<b>K (%)</b>			
<b>2019</b>	67	83	61
<b>2020</b>	64	76	48
<b>2021</b>	67	80	57
<b>2022</b>	59	81	54
<b>G (%)</b>			
<b>2019</b>	66	75	47
<b>2020</b>	65	74	43
<b>2021</b>	77	77	49
<b>2022</b>	73	74	36
<b>J (%)</b>			
<b>2019</b>	65	79	59
<b>2020</b>	73	89	52
<b>2021</b>	71	81	59
<b>2022</b>	71	85	50
<b>H (%)</b>			
<b>2019</b>	57	67	45
<b>2020</b>	60	91	59
<b>2021</b>	64	75	42
<b>2022</b>	54	71	49
<b>I (%)</b>			
<b>2019</b>	61	74	49
<b>2020</b>	65	83	50
<b>2021</b>	67	78	49
<b>2022</b>	70	79	51
<b>Fayette County (%)</b>			
<b>2019</b>	63	76	53
<b>2020</b>	66	82	49
<b>2021</b>	69	79	52
<b>2022</b>	68	80	50

**Section 3. Risk and Protective Factors and Relationships to Outcomes**  
**Parents/Caregivers**

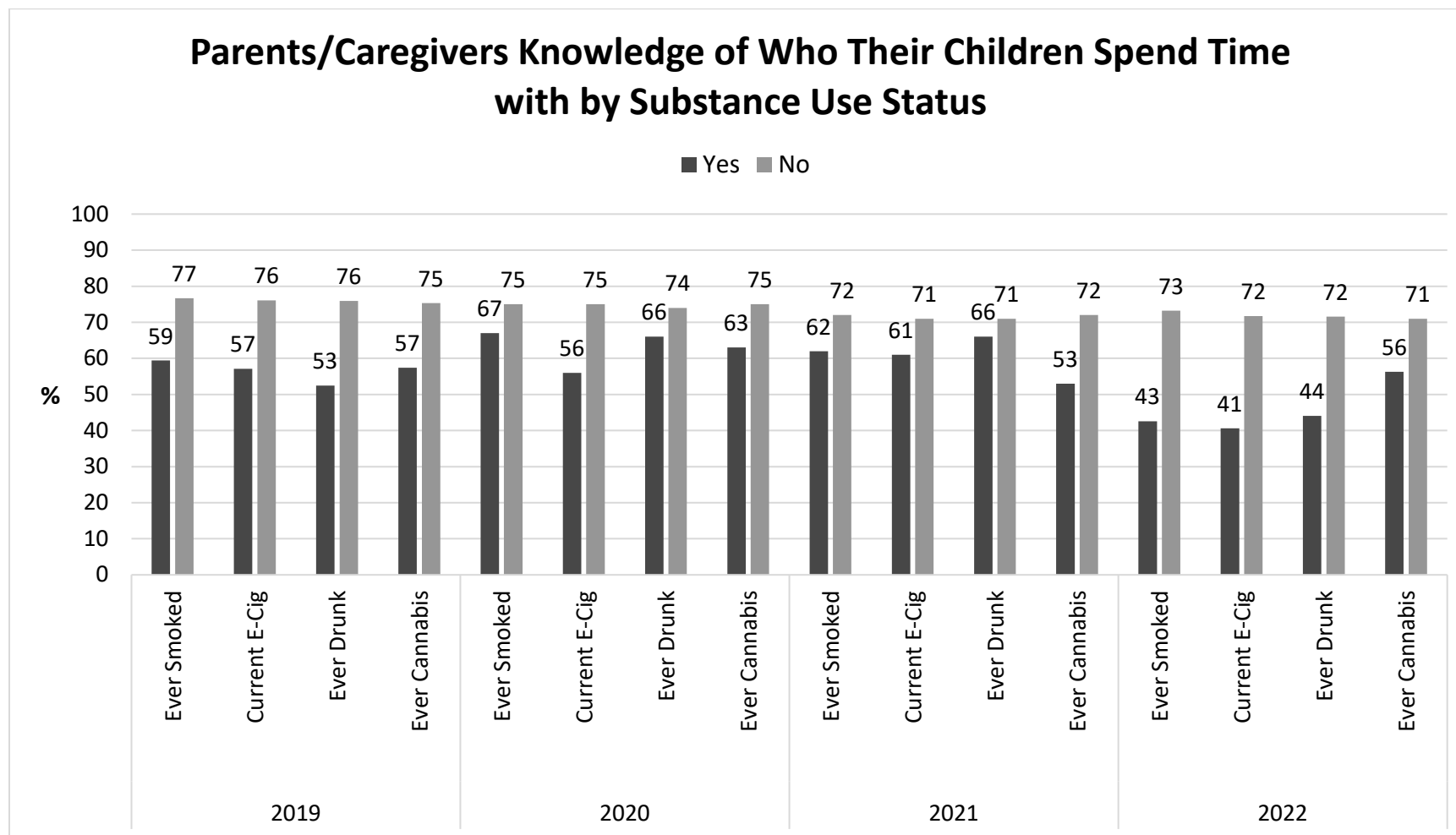


Figure 45. Parents/caregivers know whom I am with in the evenings – “Applies very well to me”

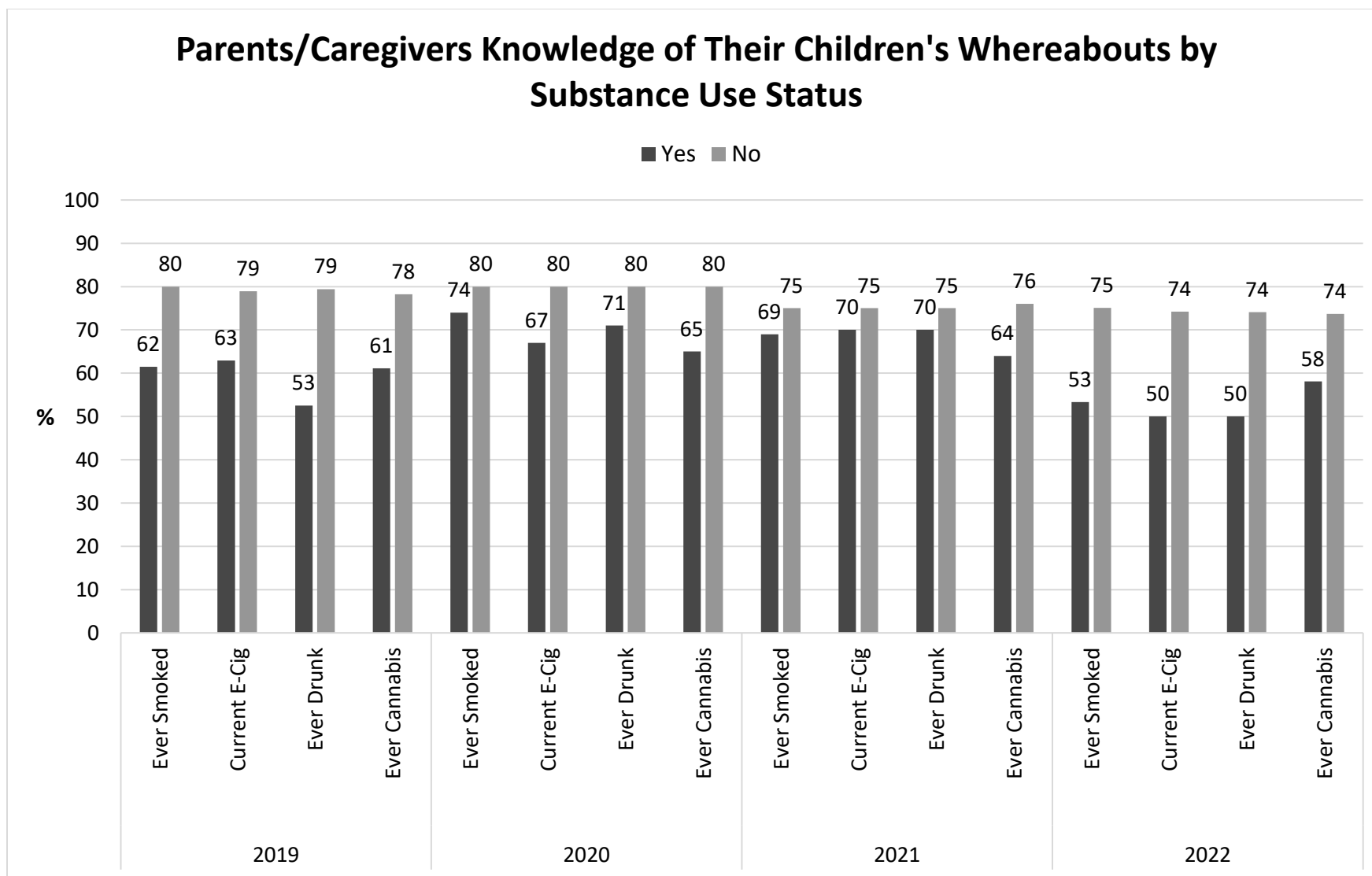


Figure 46. Parents/caregivers knowledge of student location in the evenings – “Applies very well to me”

Peer Group

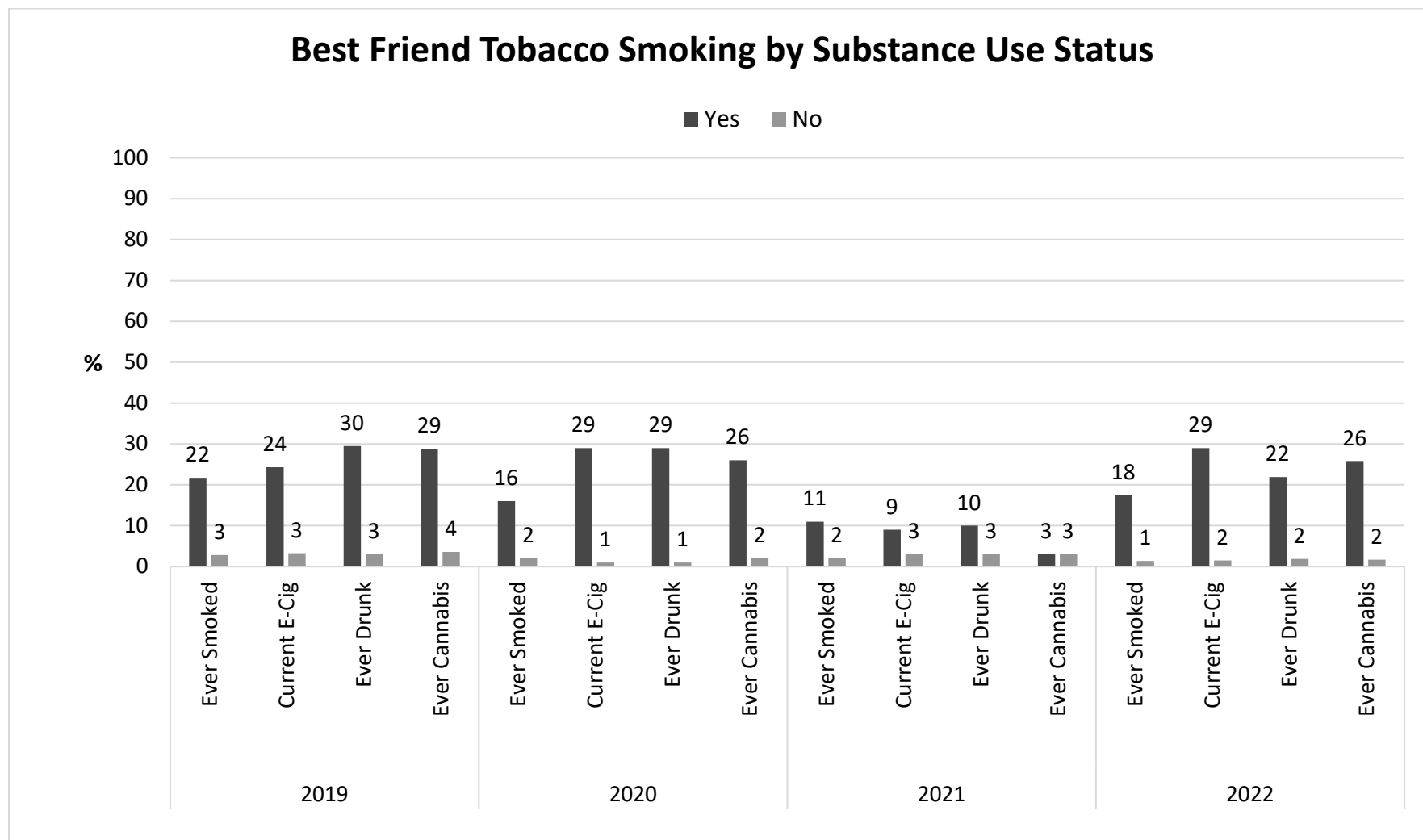


Figure 47. Best friend smokes tobacco on a daily basis by substance use status – “Yes”



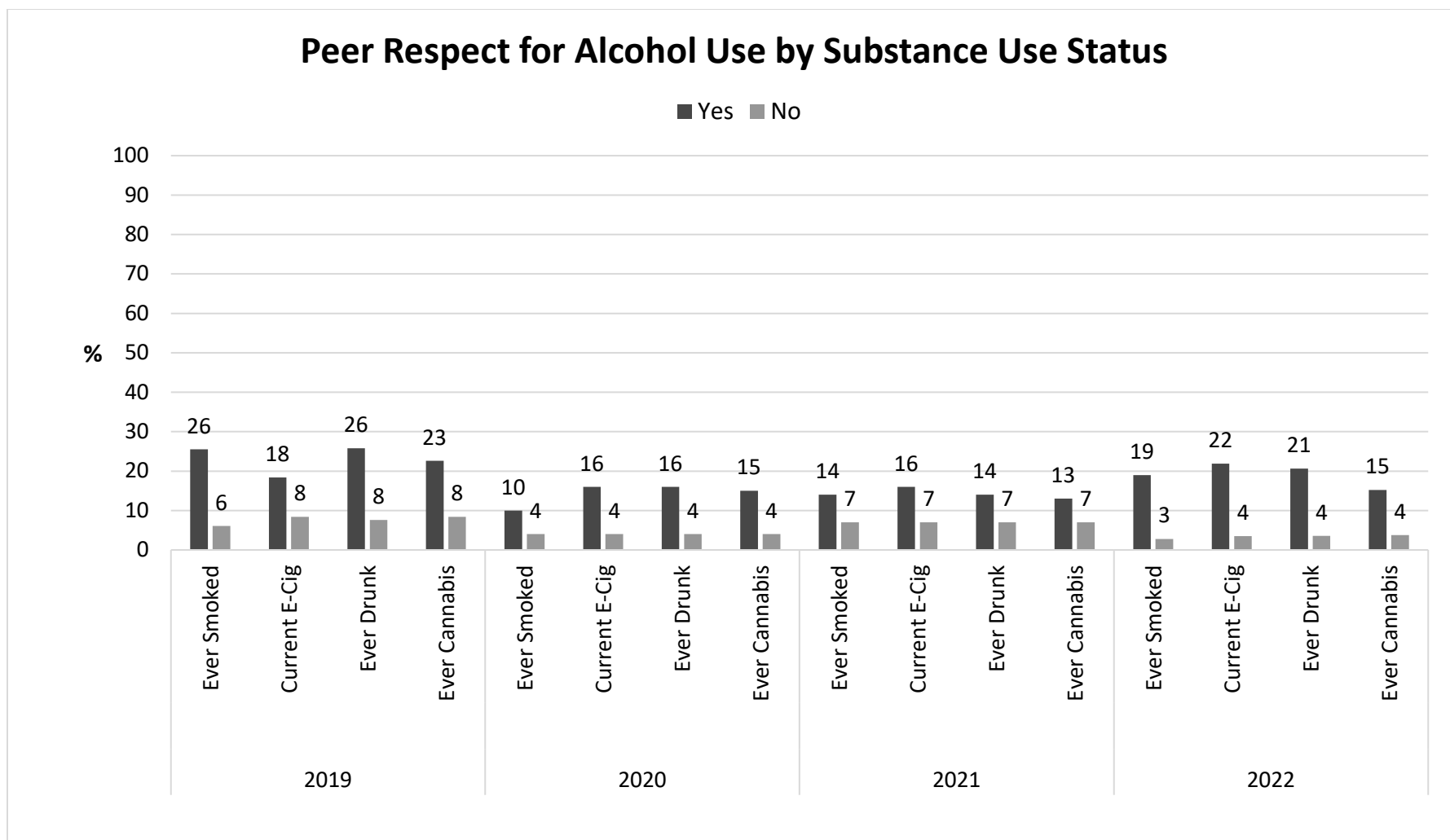


Figure 48. The following things are important for me to do in order to gain respect from my peers – Drink Alcohol, by substance use status - “Increases respect a lot” + “Increases respect somewhat”

School

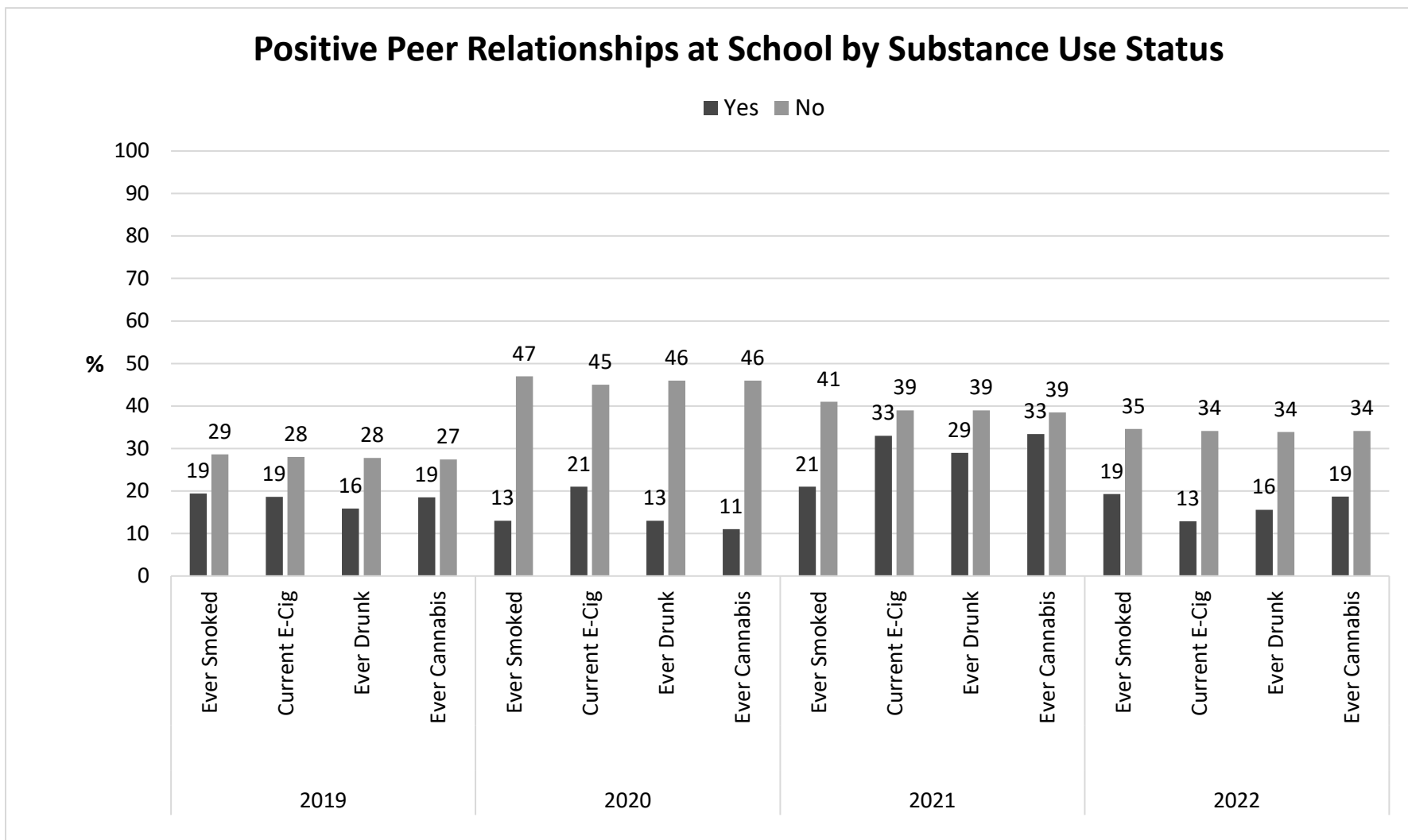


Figure 49. The students at my school are nice to each other by substance use status – “Strongly Agree” + “Somewhat Agree”

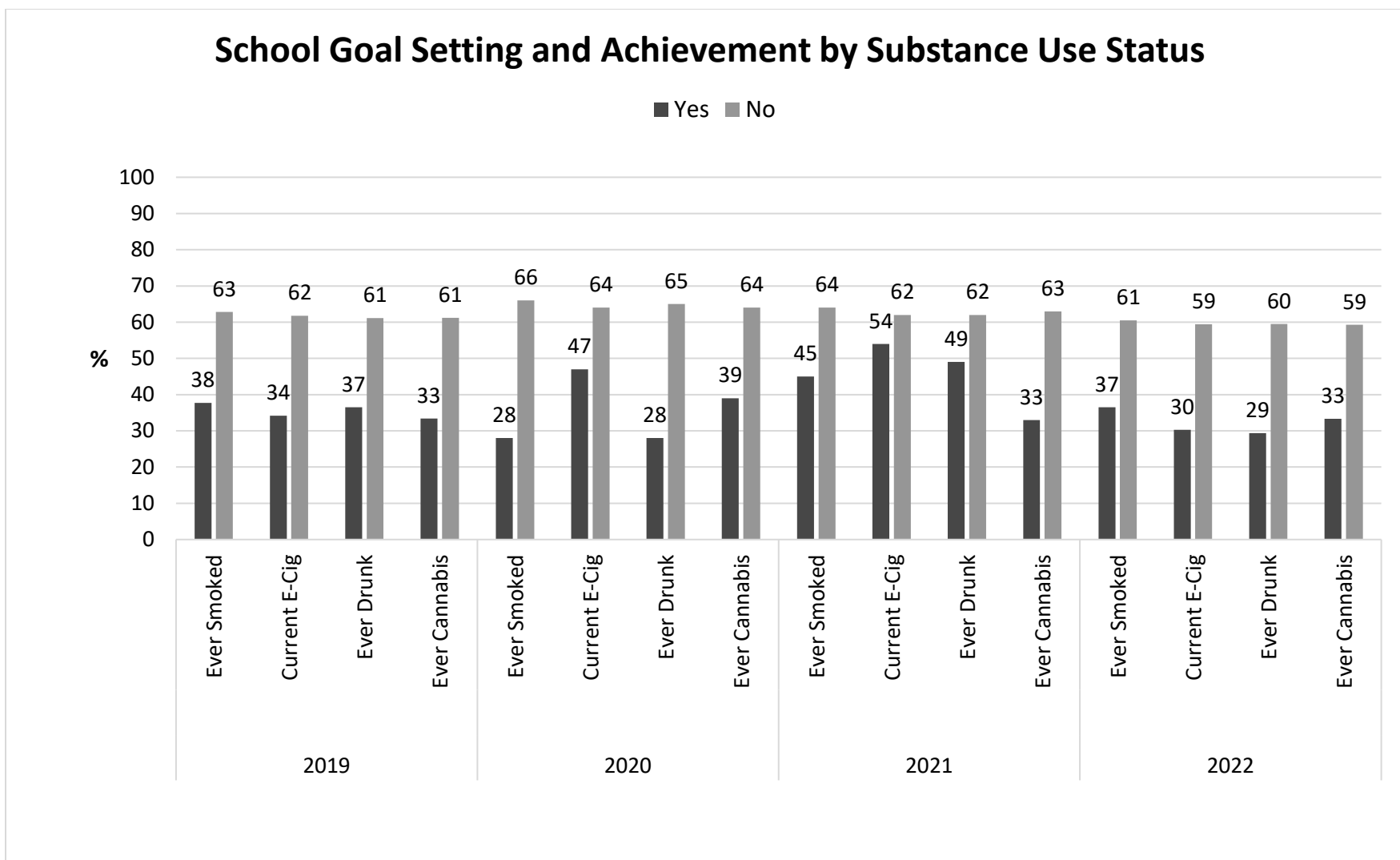


Figure 50. My school is helping me achieve goals that matter to me by substance use status – “Strongly Agree” + “Somewhat Agree”

Leisure Time

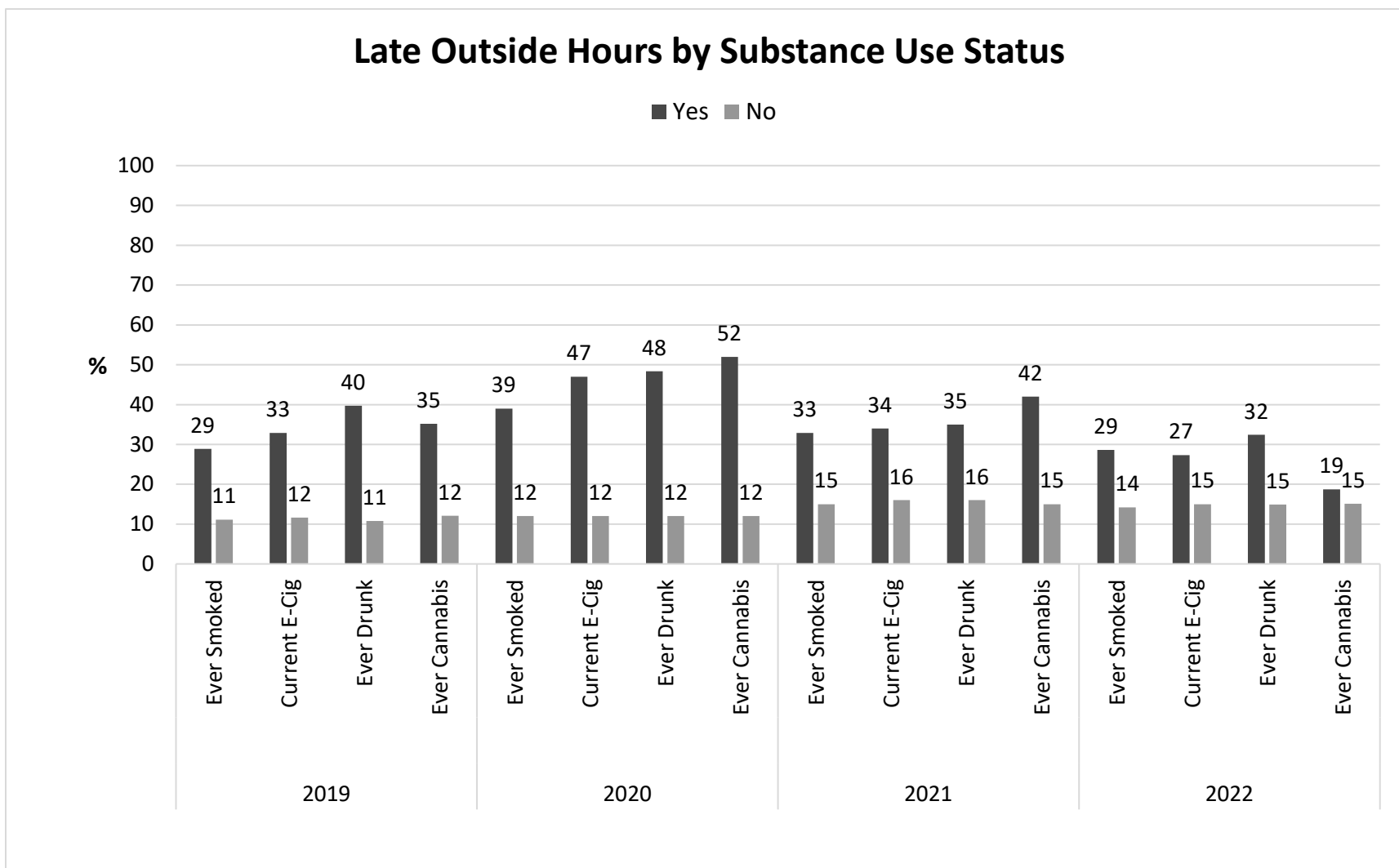


Figure 51. Students who are outside after midnight by substance use status – Once or more per week

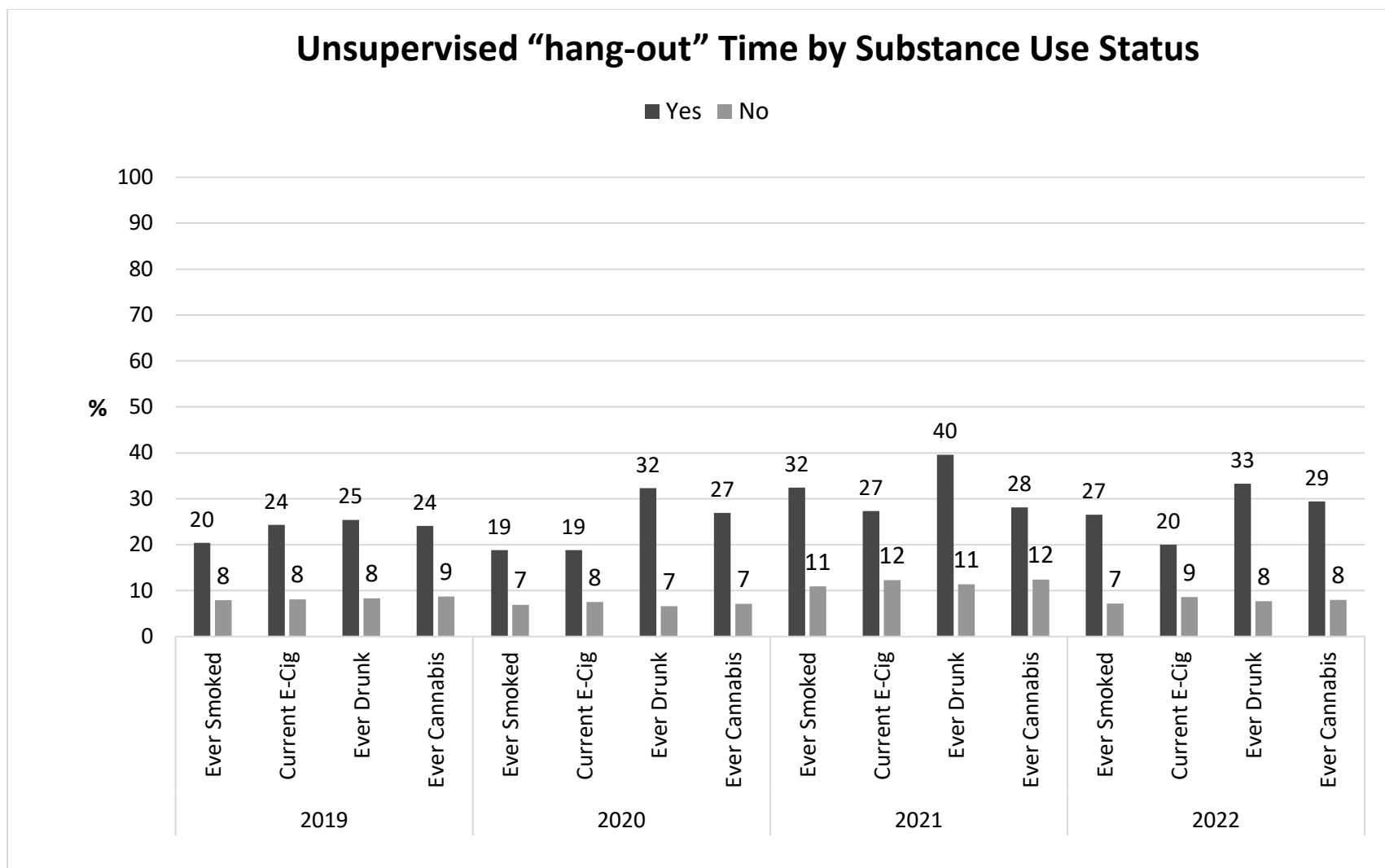


Figure 52. Students who hang out at a friend’s home with no adults present by substance use status – Once or more per week

Community

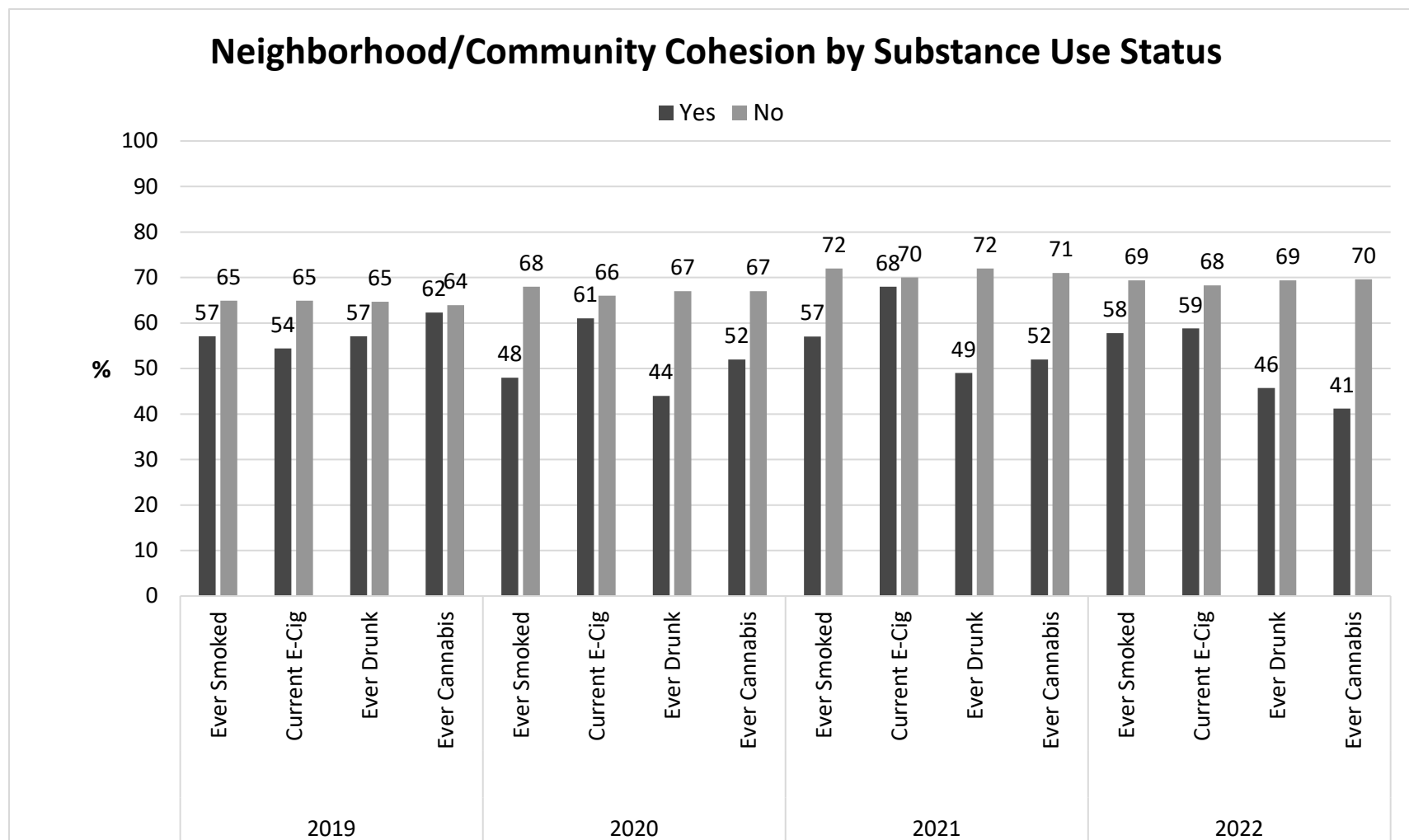


Figure 53. There is a great deal of social life available in my neighborhood/community by substance use status – “Agree Strongly” + “Somewhat Agree”

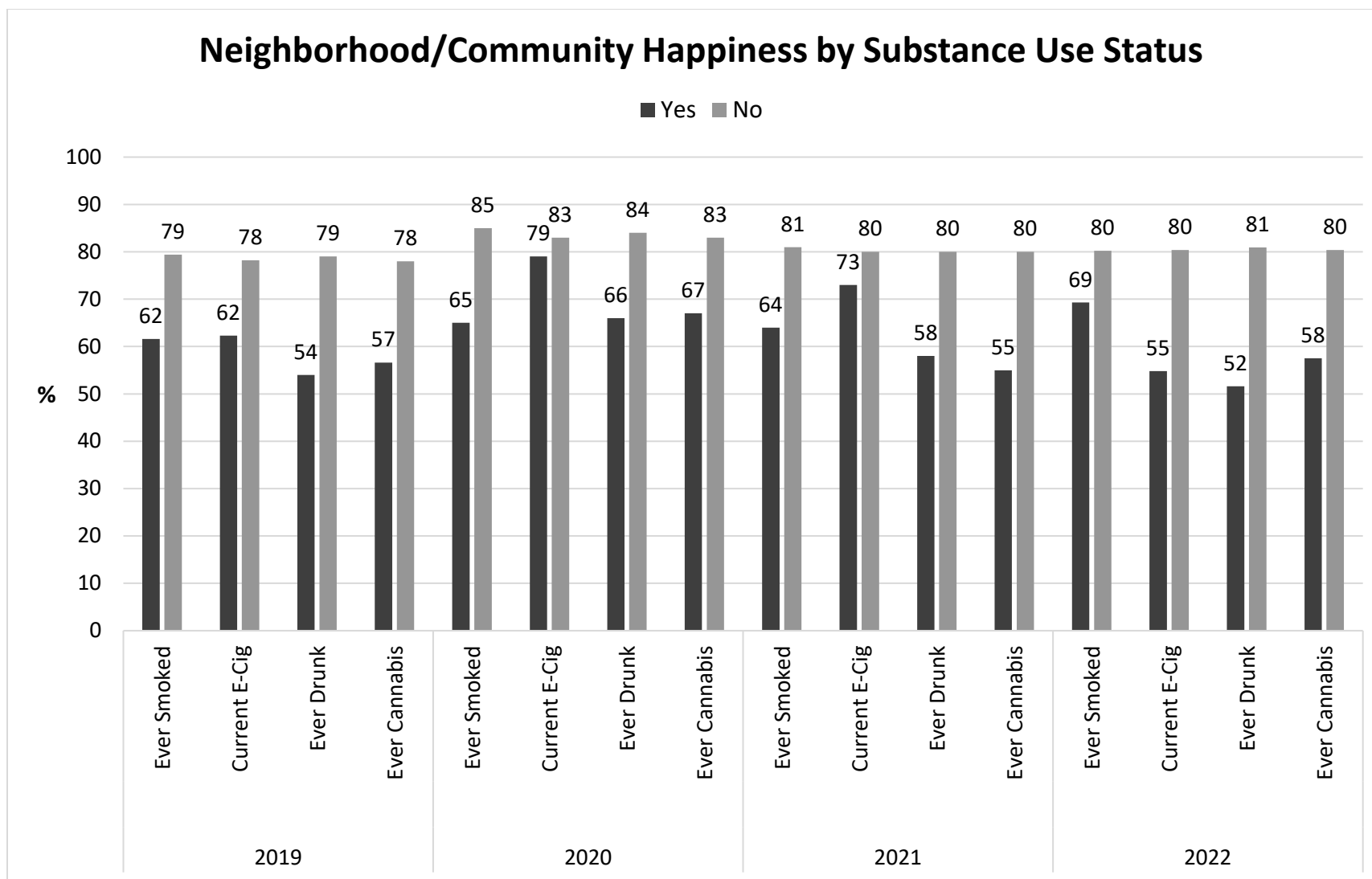


Figure 54. It is good to live in my neighborhood/community by substance use status – “Agree Strongly” + “Somewhat Agree”

## Section 4. Impact of COVID-19

Table 17. Frequency of students who personally knew anyone who has been sick with COVID-19 by school.

	Me	Parent/Caregiver	Another Family Member	Friend	Someone Else
<b>K (%)</b>					
2020	8	3	23	8	23
2021	20	29	46	43	33
2022	53	57	60	60	32
<b>G (%)</b>					
2020	No response	No response	No response	No response	No response
2021	26	36	44	36	26
2022	45	57	58	65	43
<b>J (%)</b>					
2020	3	5	22	18	28
2021	20	16	39	35	30
2022	41	52	57	52	29
<b>H (%)</b>					
2020	2	5	20	5	15
2021	32	30	49	65	38
2022	58	63	55	68	34
<b>I (%)</b>					
2020	3	3	21	8	22
2021	18	24	39	41	23
2022	40	51	54	51	33
<b>Fayette County (%)</b>					
2020	3	3	19	8	20
2021	20	25	41	41	27
2022	44	53	56	55	33



Table 18. Frequency of students who personally knew someone who died from COVID-19 by school.

	Parent/Caregiver	Another Family Member	Friend	Someone Else
<b>K (%)</b>				
2020	1	3	1	2
2021	4	9	5	9
2022	1	6	5	11
<b>G (%)</b>				
2020	No Response	No Response	No Response	No Response
2021	2	9	2	26
2022	1	13	5	15
<b>J (%)</b>				
2020	0	2	1	4
2021	1	9	3	15
2022	1	10	1	12
<b>H (%)</b>				
2020	0	0	0	0
2021	0	3	3	14
2022	3	16	5	13
<b>I (%)</b>				
2020	0	2	1	3
2021	2	8	9	15
2022	1	10	5	10
<b>Fayette County (%)</b>				
2020	0	2	1	3
2021	2	8	6	16
2022	1	10	4	11

Table 19. How true are the following statements about COVID-19? (Often True, Usually True, or Very True)

	I worry about getting COVID-19.	I try to protect myself and others from COVID-19 (e.g., hand washing, wearing a mask, social distancing)	I try to follow the COVID-19 rules	My parents/car egivers worry a great deal about COVID-19	My parents/car egivers make me take COVID-19 precautions (e.g., hand washing, wearing a mask, social distancing)	My parents/car egivers try to follow the COVID-19 protection rules	My school/teachers worry a great deal about COVID 19	My school/teachers make me take COVID- 19 precautions (hand washing, social distancing, staying at home)	My school/teachers try to follow the COVID-19 protection rules	My friends worry about getting COVID- 19	My friends try to follow the COVID-19 protection rules
<b>K (%)</b>											
<b>2020</b>	28	66	65	52	66	66	77	76	75	40	60
<b>2021</b>	34	63	66	60	57	62	70	71	74	50	54
<b>2022</b>	16	33	36	35	28	41	42	31	45	25	34
<b>G (%)</b>											
<b>2020</b>	No Response	No Response	No Response	No Response	No Response	No Response	No Response	No Response	No Response	No Response	No Response
<b>2021</b>	32	60	60	57	55	62	76	70	73	43	59
<b>2022</b>	16	42	33	43	46	54	55	47	54	30	39
<b>J (%)</b>											
<b>2020</b>	39	81	84	69	79	85	90	85	92	60	80
<b>2021</b>	19	59	61	48	48	58	72	69	76	39	59
<b>2022</b>	20	41	38	39	34	39	46	42	49	27	35
<b>H (%)</b>											
<b>2020</b>	51	83	83	71	80	89	91	94	91	67	85
<b>2021</b>	20	40	43	40	46	51	54	51	51	39	45
<b>2022</b>	30	45	46	42	36	39	50	55	61	36	36
<b>I (%)</b>											
<b>2020</b>	37	78	83	75	80	85	86	85	90	67	79

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<b>2021</b>	35	71	70	62	68	74	75	79	78	53	62
<b>2022</b>	18	46	50	40	41	47	52	46	54	31	38
<b>Fayette County (%)</b>											
<b>2020</b>	37	76	79	68	77	81	85	84	87	60	76
<b>2021</b>	30	64	64	57	59	66	72	72	74	48	58
<b>2022</b>	18	42	43	39	38	45	49	43	52	29	37

**Table 20. How true are the following statements about COVID-19? (Often True, Usually True, or Very True)**

	Because of COVID-19 my family has less money	Because of COVID-19 my family has more arguments	Because of COVID-19 people in my family are stressed	Because of COVID-19 I am stressed	Because of COVID-19 I am lonely	Because of COVID-19 I am bored	Because of COVID-19 I am sad	Because of COVID-19 I am angry
<b>K (%)</b>								
<b>2020</b>	13	11	33	29	24	60	28	29
<b>2021</b>	9	15	23	23	15	28	20	19
<b>2022</b>	8	8	12	5	7	13	4	8
<b>G (%)</b>								
<b>2020</b>	No Response	No Response	No Response	No Response	No Response	No Response	No Response	No Response
<b>2021</b>	20	18	24	22	19	40	12	21
<b>2022</b>	12	9	18	12	16	22	14	14
<b>J (%)</b>								
<b>2020</b>	15	17	24	32	26	57	25	23
<b>2021</b>	11	15	19	19	21	39	17	18
<b>2022</b>	6	3	10	12	13	19	11	7
<b>H (%)</b>								
<b>2020</b>	23	14	43	29	14	43	14	23
<b>2021</b>	26	29	43	32	29	38	26	34
<b>2022</b>	9	6	15	21	12	15	12	15
<b>I (%)</b>								
<b>2020</b>	13	15	33	32	25	56	24	20
<b>2021</b>	14	13	30	25	19	39	20	20
<b>2022</b>	10	8	11	10	8	16	8	9
<b>Fayette County (%)</b>								
<b>2020</b>	14	14	32	31	26	56	24	23
<b>2021</b>	14	15	27	24	19	37	18	20
<b>2022</b>	9	7	12	10	10	17	9	9