Youth Perspectives on Online Safety, 2024: an Annual Report of Youth Attitudes and Experiences

Findings from 2024 qualitative and quantitative research among 9–17-year-olds

Research conducted by Thorn in partnership with Burson

THORN   Burson

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Acknowledgments

Understanding the complex intersection of technology and child sexual abuse empowers us to safeguard kids from the ever-evolving threats they face online. Without direct insights from kids who are encountering these issues every day, we risk falling behind in developing valuable resources for them to navigate the digital age safely.

Thank You

We are grateful to the kids who took the time to participate in our research. Without their gracious participation, we could not have developed the key insights shared in this report about their experiences with technology-facilitated sexual exploitation.

Introduction

Since 2019, Thorn has undertaken multiple research initiatives focused on better understanding the experiences, challenges, and risks that young people are facing in online spaces today. In past research, Thorn has investigated the attitudes and experiences youth have with online grooming, sharing of "nudes," and nonconsensual reshares, as well as how they do — or do not — navigate attempts to disclose their online sexual experiences.

This report presents the latest year of data in Thorn's annual monitoring research and, where available, includes insights about how the data has changed over time. The report is broken into three sections:

- The **Annual Recap** elevates the key metrics that we track each year and compares the most recent survey data to prior years.

- The **Discussion** underscores several areas of interest, whether that be emerging trends in the dataset or topics that warrant deeper exploration.

- The **Appendix** provides supplemental data, such as additional demographics not showcased in the main body of the report and a historical overview of year-over-year data collection.

It remains our hope that this ongoing research will elevate young people's experiences, support the qualified development of data-driven prevention strategies and interventions, and inspire more research not only into the risks kids may face online but also how they attempt to navigate them with the tools they currently have available.

Discussion: At a glance

1. **Year-over-year data shows some promising trends among young people's attitudes and perspectives on self-generated child sexual abuse material (SG-CSAM): the number of minors sharing materials and number of minors who perceive sharing as normal are both down from their peaks in 2020 and 2021.**

2. **Younger boys (aged 9–12) are showing concerning increases in the risk of potentially harmful online experiences — particularly of being solicited with online sexual advances.**

3. **Minors engaging in risky online behaviors are more likely to lack the support they need from trusted adults.**

4. **Extended Reality (XR) experiences are here, and the developers and manufacturers behind XR apps and hardware need to be proactive about child safety.**

Annual Monitoring Portfolio

Below is a complete list of reports that comprise our annual youth monitoring portfolio, categorized by year of data collection.

- **2019**

  Thorn. (2020). *Self-Generated Child Sexual Abuse Material: Attitudes and Experiences.*

- **2020**

  Thorn. (2021). *Responding to Online Threats: Minors' Perspectives on Disclosing, Reporting, and Blocking.*
  Thorn. (2021). *Self-Generated Child Sexual Abuse Material: Youth Attitudes and Experiences in 2020.*

- **2021**

  Thorn. (2022). S*elf-Generated Child Sexual Abuse Material: Youth Attitudes and Experiences in 2021.*
  Thorn. (2023). *Responding to Online Threats: Minors' Perspectives on Disclosing, Reporting, and Blocking in 2021.*

- **2022**

  Thorn. (2023). *Youth Perspectives on Online Safety, 2022: an Annual Report of Youth Attitudes and Experiences.*

- **2023**

  Thorn. (2024). *Youth Perspectives on Online Safety, 2023: an Annual Report of Youth Attitudes and Experiences.*

- **2024**

  Thorn. (2025). Y*outh Perspectives on Online Safety, 2024: an Annual Report of Youth Attitudes and Experiences.*

Methodology & Research Design

Research into youth experiences online continues to present unique challenges within an ever-changing digital environment. Survey authors have included here a brief discussion of some of these challenges and their corresponding mitigation strategies.

Challenges

CHALLENGE: The issues and risks associated with online child sexual exploitation exist within a dynamic online environment where the technologies and platforms that intersect with this issue are in constant flux, as are the habits of the kids who use them.

> *Action: This research relies on dynamic social research methodologies, which enable faster data collection and analysis to ensure it best reflects the current digital landscape. Because design limitations restrict the number of platforms shown to participants, this survey includes a diverse but non-exhaustive list of platforms, with top priority given to social platforms. The final list is informed by historical research, external reports, and expert consultation and is reevaluated for the needs of each individual survey.*

CHALLENGE: Attitudes towards sexuality vary widely across demographics.

> *Action: This is a universal issue, but the way it impacts kids differs across demographics. This research aims to identify trends among kids overall, as well as within some significant subgroups — such as age and gender groups. A secondary objective was to get a broad*

> *understanding of how trends around this issue manifest differently across demographics. To this end, enhanced quotas were used in 2021, 2022, 2023, and 2024 to ensure large enough base sizes of 9–17-year-olds of color for analysis. Nevertheless, given sample size limitations, some of the data points within subgroups are more appropriately viewed as starting points.*

CHALLENGE: Entrenched stigma and sensitivity surrounding the topic may lead to an undercounting of the scale and frequency.

> *Action: Asking individuals — especially kids — to open up about a subject as delicate and personal as sharing nude images of themselves likely activates self-report bias, where participants lean into more socially desirable responses. It also requires the design of survey instruments that are safe and supportive. The sequence was important in our research instruments: each sensitive question was prefaced with a note acknowledging the potential difficulty of discussing the topic and reiterating the anonymity of the responses. Questions were also written in a manner that gave space or permission for individuals to answer generally about "people they know" in lieu of exclusively asking respondents point-blank about their own online experiences. Resources for additional information and referrals for real-time support were highlighted in all survey instruments.*

Research Design

This research represents a continuation of Thorn's initial research, originally performed in 2019 and refielded annually thereafter. It presents the results of a quantitative survey tool to collect self-reported data from minors aged 9–17.[1]

QUANTITATIVE ONLINE SURVEY

As in previous years, the research in 2024 was designed to identify and monitor changes in minors' behaviors and attitudes related to SG-CSAM and their perceptions and behaviors related to harmful online experiences compared to data collected in prior years.

In total, 1,048 minors from across the United States participated in an 18-minute online survey from November 13 to December 6, 2024. Specifically, sample makeup included:

- n=280: 9–12-year-olds
- n=768: 13–17-year-olds

As in prior years, the 2024 research cohort[2] incorporated an increased recruitment of minor participants who identified as persons of color. The subsequent racial and ethnic breakdown of participants in 2024 was:

- n=398: White
- n=650: Persons of color (POC) (i.e., total respondents that identified as a racial or ethnic group other than "white")
  - n=282: African American/Black/Caribbean American
  - n=250: Hispanic or Latino/a/x
  - n=186: Other POC
    - n=107: Asian or Pacific Islander
    - n=51: Native American or American Indian
    - n=17: Middle Eastern
    - n=16: Other

To ensure a representative sample nationwide, data was weighted to age, gender, race, and geography based on U.S. Census data.

Results and Reporting

Due to rounding, many of the figures included in this report may not have columns or rows that add up to exactly 100 percent. Some questions also featured multi-select response options, which have been noted.

Due to sample size limitations, and in some cases low base sizes, certain data points should be interpreted as directional. Within the report, asterisks indicate instances where results are based on smaller sample sizes: a single asterisk (*) denotes a base size of fewer than 100 responses, while a double asterisk (**) denotes a base size of fewer than 50 responses.

Privacy and Safety

Ensuring the privacy and safety of those who chose to participate in this research was paramount. All participant responses were anonymized. Minor participants were recruited directly through caregivers at the time of this survey. Caregiver consent was required for minors to participate. In addition, help resources were provided to participants in the event they wanted to learn more about the topics discussed or needed professional support to talk about these issues.

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1   In the context of this report, and unless otherwise noted, the term "minors" is used to describe young people represented in the survey sample (9–17-year-olds).
2   Base sizes for racial and ethnic subgroups will not add up to the total base size of n=1,048 because some participants identified as multiple racial or ethnic identities.

The Digital Landscape

Each year, minors report using a wide variety of online platforms, regardless of the platforms' intended audiences or the presence of age verification tools and policies. Minors are active in a constantly changing digital environment, and their engagement with different platforms shifts each year.[3]

In 2024, the top five platforms used by minors were YouTube (98%), Minecraft (81%), Roblox (80%), TikTok (77%), and Fortnite (75%). The two platforms that showed the most notable increases in usage rates among minors since 2023 were WhatsApp (+5%) and Twitch (+4%) (Fig 1).

The five platforms with the highest daily usage rates were YouTube (84%), TikTok (56%), Instagram (45%), Snapchat (44%), and Facebook (44%) (Fig 2).

Keeping consistent with previous years, minors continued to report using applications designed for adult users (individuals aged 18 or older). In 2024, about 1 in 6 (16%) minors reported they have used a dating app (e.g., Tinder, Grindr, Hinge, Bumble, Tagged, Hily, or Badoo), while 1 in 8 (13%) reported they have used a pornography website. Notably, while girls were more than twice as likely to use a dating app (17%) as they were to use a pornography site (8%), boys were equally as likely to use either (17% for both) (Fig 3).

Use of secondary accounts[4] (i.e., accounts designed to keep content private from some groups like caregivers or friends) remained relatively constant (+2%) overall in 2024, with some variance across demographics (Fig 4).

In 2024, Thorn introduced a new survey question to assess familiarity with the "metaverse"[5] and usage of these environments. A majority (67%) of respondents are familiar with the metaverse (Fig 5a), while a minority (23%) said they had explored the metaverse (Fig 5b). Teen boys and LGBTQ+ youth were most familiar with the metaverse but reported similar rates of usage compared to other demographic groups.

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3   Platforms where data is not available (Fig 1, 2, and 8) are platforms added in subsequent surveys. For more detail on how platforms were selected for this survey, see the Methodology & Research Design section of this report.
4   Such as, but not limited to, "finstas" or "fake Instagrams."
5   The metaverse is a virtual universe where people can experience Extended Reality environments and users can interact with each other as avatars in a 3D virtual space. This is often done via specially designed headsets.

Fig 1 | **Platform usage rates - ever used**

Q14B. How often do you use/ check/play each of the following?

	All Minors			Ages 9-12			Ages 13-17		
	2024	(+/-) from 2023	(+/-) from 2019	2024	(+/-) from 2023	(+/-) from 2019	2024	(+/-) from 2023	(+/-) from 2019
Amino	3%	0	-	1%	-2	-	5%	+1	-
Among Us	43%	-7	-	46%	-9	-	41%	-5	-
BeReal	12%	-2	-	10%	-2	-	14%	-2	-
Call of Duty	62%	-2	-	56%	0	-	67%	-4	-
Discord	51%	+3	+19	39%	-3	+16	59%	+6	+20
Emerald Chat	4%	+1	-	2%	-1	-	5%	+2	-
Facebook	69%	-3	+14	56%	-3	+5	78%	-3	+20
Fortnite	75%	+2	+23	75%	+2	+15	75%	+1	+30
Google Hangouts/Google Meet	49%	+2	+23	42%	+3	+21	54%	+1	+24
Grand Theft Auto (GTA)	56%	-7	+9	47%	-9	+2	62%	-7	+14
Instagram	69%	0	+1	52%	+2	-4	81%	-2	+4
Kik	17%	-1	-1	14%	-1	-4	19%	-1	+2
Live.me	6%	0	-	4%	0	-	8%	0	-
Marco Polo	9%	-2	-9	10%	-2	-13	8%	-2	-6
Messenger (Facebook)	71%	-1	+19	63%	+4	+12	77%	-5	+24
Minecraft	81%	+3	-	81%	+3	-	81%	+4	-
Monkey	5%	+1	-12	6%	+3	-11	5%	0	-11
OmeTV	3%	-	-	2%	-	-	3%	-	-
Reddit	46%	+2	+14	34%	-2	+10	56%	+5	+18
Roblox	80%	0	-	83%	-4	-	77%	+3	-
Signal	8%	+3	-4	5%	0	-7	10%	+4	-2
Snapchat	69%	-3	+1	54%	-5	-7	80%	-1	+7
Telegram	20%	0	+7	13%	-3	0	26%	+3	+13
TikTok	77%	-7	+25	67%	-8	+12	85%	-6	+36
Tor/Onion Browser	5%	-1	-	4%	0	-	6%	-1	-
Tumblr	33%	+2	+8	30%	+4	+9	35%	0	+7
Twitch	49%	+4	+19	45%	+5	+17	53%	+5	+21
WhatsApp	48%	+5	+21	42%	+8	+19	53%	+2	+23
Whisper	7%	0	-	4%	-1	-	9%	+1	-
Wink	5%	0	-	4%	0	-	6%	0	-
Wizz	4%	0	-	3%	+1	-	5%	-1	-
X (Twitter)	48%	-1	+7	34%	-2	+6	59%	0	+9
YouNow	5%	0	-	2%	-4	-	6%	+2	-
YouTube	98%	0	+3	98%	+1	+4	98%	-1	+2
Yubo	4%	0	-	3%	-1	-	5%	+1	-

Fig 2 | **Platform usage rates - at least once per day**

Q14B. How often do you use/ check/play each of the following?

	All Minors			Ages 9-12			Ages 13-17		
	2024	**(+/-) from 2023**	**(+/-) from 2019**	**2024**	**(+/-) from 2023**	**(+/-) from 2019**	**2024**	**(+/-) from 2023**	**(+/-) from 2019**
Amino	1%	0	-	0%	-1	-	1%	0	-
Among Us	10%	-3	-	13%	-3	-	8%	-3	-
BeReal	4%	-2	-	4%	-3	-	4%	-1	-
Call of Duty	22%	-2	-	22%	+4	-	22%	-6	-
Discord	21%	-2	+7	16%	+2	+6	25%	-4	+7
Emerald Chat	1%	0	-	1%	0	-	2%	+1	-
Facebook	44%	-3	+15	32%	-3	+3	53%	-4	+24
Fortnite	33%	+4	+10	39%	+13	+8	28%	-3	+12
Google Hangouts/Google Meet	15%	+1	+7	13%	+4	+5	17%	0	+8
Grand Theft Auto (GTA)	16%	-8	+2	16%	-3	+1	17%	-10	+4
Instagram	45%	0	-1	32%	+6	-2	56%	-3	+1
Kik	5%	-2	0	4%	-2	-3	6%	-3	+3
Live.me	2%	0	-	1%	0	-	4%	+1	-
Marco Polo	2%	-1	-1	2%	-2	-2	2%	-1	-1
Messenger (Facebook)	43%	-1	+16	38%	+6	+11	47%	-6	+21
Minecraft	29%	-2	-	37%	+2	-	22%	-5	-
Monkey	1%	0	-3	2%	+1	-4	1%	0	-2
OmeTV	1%	-	-	0%	-	-	1%	-	-
Reddit	15%	+3	+4	12%	+2	0	17%	+3	+6
Roblox	38%	-5	-	49%	-7	-	29%	-4	-
Signal	3%	+1	-2	3%	+2	0	2%	0	-4
Snapchat	44%	-4	-4	29%	-4	-12	55%	-4	+1
Telegram	8%	-1	+4	5%	-1	+1	10%	-1	+6
TikTok	56%	-8	+26	40%	-10	+7	68%	-6	+40
Tor/Onion Browser	2%	+1	-	1%	0	-	3%	+1	-
Tumblr	8%	0	0	6%	0	-1	9%	0	+1
Twitch	15%	-2	+5	14%	0	+2	16%	-4	+7
WhatsApp	20%	+1	+8	15%	+1	+4	23%	+1	+9
Whisper	2%	+1	-	2%	+1	-	3%	+1	-
Wink	1%	0	-	1%	0	-	1%	0	-
Wizz	2%	+1	-	1%	+1	-	2%	0	-
X (Twitter)	21%	+2	+3	13%	0	-1	27%	+3	+5
YouNow	1%	0	-	0%	-1	-	2%	0	-
YouTube	84%	+1	+5	85%	+2	+6	83%	0	+5
Yubo	1%	0	-	1%	0	-	1%	0	-

The remainder of the report focuses only on platforms with base sizes above n=100 for "ever used".

Fig 3 | Dating and pornography site usage rates

QApps. Do you use any of the following dating or adult apps? Please remember your answers are anonymous.

Any Dating App		(+/-) from 2023	(+/-) from 2020
All Minors	16%	-1	-1
Girls	17%	+2	+6
Boys	17%	0	-6
Ages 9-12	11%	+3	-10
Ages 13-17	20%	-3	+6

OnlyFans		(+/-) from 2023	(+/-) from 2020
All Minors	9%	-1	-
Girls	9%	+1	-
Boys	9%	-3	-
Ages 9-12	5%	+1	-
Ages 13-17	12%	-3	-

Pornography Site		(+/-) from 2023	(+/-) from 2020
All Minors	13%	-3	-
Girls	8%	-4	-
Boys	17%	-1	-
Ages 9-12	7%	0	-
Ages 13-17	17%	-5	-

"Any Dating App" includes participant selection for Tinder, Grindr, Bumble, Hinge, Tagged, Hily, Badoo, or "Other". Hily and Badoo were not included in years prior to 2024. Tagged was not included in years prior to 2023. OnlyFans and Pornography Site were not asked prior to 2022.

Fig 4 | Use of secondary accounts

Q17. Some people have a "finsta"— or multiple accounts on one social network so that they can share some stuff more privately. Across the social media platforms or apps that you use, do you have a second private account that allows you to share content without certain people such as your parents, family, or people at school seeing it?

		2024	(+/-) from 2023	(+/-) from 2019
All Minors	Yes	23%	+2	0
	Prefer not to say	2%	0	-9
	No	75%	-2	+9
Ages 9-12	Yes	17%	+3	+3
	Prefer not to say	2%	0	-9
	No	82%	-2	+7
Girls	Yes	17%	-1	+2
	Prefer not to say	1%	-1	-9
	No	81%	+2	+6
Boys	Yes	16%	+6	+3
	Prefer not to say	2%	0	-9
	No	81%	-7	+4
Ages 13-17	Yes	27%	+1	-2
	Prefer not to say	3%	0	-8
	No	70%	-1	+10
Girls	Yes	31%	+3	-7
	Prefer not to say	2%	0	-8
	No	67%	-3	+15
Boys	Yes	24%	+1	+3
	Prefer not to say	3%	0	-10
	No	73%	-2	+6
LGBTQ+	Yes	30%	-6	-7
	Prefer not to say	4%	0	-12
	No	66%	+5	+20
Non-LGBTQ+	Yes	22%	+4	+3
	Prefer not to say	2%	0	-7
	No	76%	-4	+5
African American	Yes	21%	-5	-1
	Prefer not to say	2%	+1	-8
	No	77%	+4	+10
Hispanic or Latino/a/x	Yes	21%	-7	-2
	Prefer not to say	2%	-1	-13
	No	77%	+8	+15
Other POC	Yes	25%	+11	-3*
	Prefer not to say	5%	0	-7*
	No	70%	-12	+10*
White	Yes	23%	+4	+2
	Prefer not to say	2%	0	-6
	No	75%	-4	+3

*Base size <100

NEW

Fig 5A | Awareness of the metaverse

QMV1. Have you ever heard of the term "metaverse"?

		2024
All Minors	Yes	67%
	Not sure	8%
	No	25%
Girls	Yes	63%
	Not sure	10%
	No	28%
Boys	Yes	71%
	Not sure	6%
	No	22%
Ages 9-12	Yes	62%
	Not sure	8%
	No	30%
Girls	Yes	61%
	Not sure	8%
	No	31%
Boys	Yes	66%
	Not sure	6%
	No	28%
Ages 13-17	Yes	71%
	Not sure	8%
	No	21%
Girls	Yes	64%
	Not sure	11%
	No	25%
Boys	Yes	75%
	Not sure	7%
	No	18%
LGBTQ+	Yes	74%
	Not sure	10%
	No	16%
Non-LGBTQ+	Yes	66%
	Not sure	8%
	No	26%

NEW

Fig 5B | Using the metaverse

QMV2. Have you ever used or explored the metaverse?

		2024
All Minors	Yes	23%
	Not sure	7%
	No	70%
Girls	Yes	23%
	Not sure	7%
	No	71%
Boys	Yes	24%
	Not sure	7%
	No	69%
Ages 9-12	Yes	24%
	Not sure	7%
	No	69%
Girls	Yes	25%
	Not sure	8%
	No	67%
Boys	Yes	24%
	Not sure	6%
	No	70%
Ages 13-17	Yes	22%
	Not sure	7%
	No	71%
Girls	Yes	21%
	Not sure	5%
	No	74%
Boys	Yes	24%
	Not sure	8%
	No	68%
LGBTQ+	Yes	31%
	Not sure	4%
	No	64%
Non-LGBTQ+	Yes	22%
	Not sure	7%
	No	71%

Potentially Harmful Online Experiences

Nearly

3 in 5

minors have reported experiencing a potentially harmful online experience.

More than

1 in 3

minors reported having an online sexual interaction.

More than

1 in 4

minors reported having an online sexual interaction with someone they believed to be an adult - roughly the same believed it was with another minor.

1 in 4

9-12-year-olds reported having an online sexual interaction with someone they believed to be an adult.

For young people, the internet can be a double-edged sword. While offering valuable avenues for learning, discovery, and social connection, it also presents potential dangers and vulnerabilities. In 2024, over half (58%) of minors reported they had a potentially harmful online experience, and more than one third (35%) of minors reported they had an online sexual interaction (Fig 6).

Minors continue to report online sexual interactions with adults and other minors at similar rates. In 2024, almost the same share of minors reported having had an online sexual interaction with someone they believed was younger than 18 (27%) as reported having had one with someone they believed was 18 or older (29%). As is the case with nearly all potentially harmful online experiences, teens were more likely than younger minors to report having these experiences. Still, 1 in 4 (24%) 9–12-year-olds reported having an online sexual interaction with someone they believed to be an adult, up 4 percentage points from 2023 (Fig 7).

To develop effective solutions, we need to know not only how often young people experience potentially harmful online sexual interactions, but also where these interactions are taking place. This research analyzed where minors report having online sexual experiences in two different ways: (1) the share of all minors who have had a given experience on a specific platform, and (2) the share of a platform's

minor users who have had a given experience. The former helps inform where the greatest number of minors are having online sexual interactions, while the latter illustrates which platforms have the highest rate of these experiences among their minor users. In other words, more minors overall may have an online sexual interaction on some of the more widely used platforms. However, there may be a greater likelihood of users having an online sexual interaction on lesser-used platforms.

In 2024, the platforms where the most minors reported having had an online sexual experience were Facebook (14%), Instagram (13%), Messenger (13%), Snapchat (12%), and TikTok (11%). However, the platforms holding the top five slots for rates of online sexual interactions were different when looking at minor platform users specifically. Outside of dating apps, OnlyFans, and pornography sites, minor platform users were most likely to indicate they had experienced an online sexual interaction on Telegram (24%), Kik (20%), Instagram (20%), Facebook (20%), Discord (19%), Tumblr (19%), and WhatsApp (19%) (Fig 8).

Fig 6 | **Rates of potentially harmful online experiences among minors**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

	All Minors			Ages 9-12			Ages 13-17		
	2024	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**
Potentially harmful online experience	58%	-1	+10	57%	+5	+10	60%	-5	+11
Online sexual interaction	35%	0	+2	27%	+2	0	40%	-3	+3
...sent me sexual messages	26%	0	+5	19%	+1	+4	31%	-1	+5
...asked me to send a nude photo or video	21%	-2	+3	14%	0	0	26%	-5	+6
...asked me to go 'on cam' with a nude or sexually explicit stream	15%	+2	+3	10%	+2	+2	19%	+2	+4
...shared a nude photo or video of themselves with me	14%	0	-4	9%	0	-4	19%	0	-2
...shared a nude photo or video of another kid with me	9%	+1	-1	6%	+1	-3	11%	0	-1
Bullied/made uncomfortable online	50%	-2	+12	51%	+3	+13	50%	-5	+12
...made me feel uncomfortable	40%	-1	+13	38%	+5	+16	42%	-4	+12
...bullied me	36%	+1	+12	40%	+3	+12	33%	0	+11

Question was multiple select.

Fig 7 | **Percentage of minors who have had an online sexual interaction with peers or adults**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

	Someone I believed was younger than 18...			Someone I believed was 18 or older...		
	2024	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**
All Minors	27%	-1	+4	29%	+1	+4
Girls	25%	-7	+1	27%	-6	+1
Boys	27%	+3	+6	31%	+9	+9
Ages 9-12	17%	-4	-2	24%	+4	+5
Ages 13-17	34%	-1	+7	34%	-1	+5
LGBTQ+	45%	+5	+15	46%	+9	+14
Non-LGBTQ+	24%	-2	+2	27%	+1	+5

Question was multiple select.

Fig 8 | Online sexual interactions involving both peers and adults, by platform

Q20. For each of the following platforms, please indicate if you have ever experienced any of the following. Please select all that apply then click next. Remember that your answers are anonymous.

� Above Average

	OF USERS WHO HAVE HAD						OF ALL MINORS WHO HAVE HAD					
	An online sexual interaction			An online sexual interaction w/ someone they thought was 18 or older			An online sexual interaction			An online sexual interaction w/ someone they thought was 18 or older		
	2024	(+/-) from 2023	(+/-) from 2020	2024	(+/-) from 2023	(+/-) from 2020	2024	(+/-) from 2023	(+/-) from 2020	2024	(+/-) from 2023	(+/-) from 2020
AVERAGE	15%			10%			5%			4%		
Among Us	11%	+4	+5	8%	+5	+3	5%	+2	+2	3%	+1	+1
BeReal	11%	-6	-	8%	-1	-	1%	-1	-	1%	0	-
Call of Duty	7%	+1	-4	4%	0	-1	5%	+1	0	3%	0	+1
Discord	19%	+5	+5	12%	+5	+4	10%	+3	+5	6%	+3	+3
Facebook	20%	+3	+4	15%	+5	+5	14%	+2	+4	10%	+2	+4
Fortnite	7%	0	-1	4%	0	-1	5%	0	+1	3%	0	+1
Google Hangouts/Google Meet	17%	+4	+2	11%	+2	+2	8%	+2	-1	5%	+1	0
Grand Theft Auto	8%	0	-2	5%	+1	0	4%	-1	0	3%	+1	+1
Instagram	20%	0	-2	13%	+1	0	13%	-1	-3	9%	+1	0
Kik	20%	-3	-3	12%	-2	-2	3%	-1	0	2%	-1	0
Messenger	18%	-1	0	12%	0	+2	13%	0	+2	9%	+1	+3
Minecraft	8%	+1	+3	5%	0	+2	6%	+1	+3	4%	0	+2
Reddit	14%	+4	+7	11%	+5	+7	6%	+1	+4	5%	+2	+4
Roblox	9%	+1	+4	7%	+2	+5	8%	+2	+5	5%	+1	+4
Snapchat	18%	-5	-5	12%	-1	-3	12%	-4	-4	8%	-1	-2
Telegram	24%	+2	+3	15%	+3	+1	5%	+1	+3	3%	+1	+2
TikTok	14%	0	0	10%	+3	+3	11%	0	+2	8%	+2	+3
Tumblr	19%	+3	-1	12%	+2	0	6%	+1	-1	4%	+1	0
Twitch	15%	+5	+6	11%	+5	+7	8%	+4	+5	5%	+2	+3
WhatsApp	19%	+1	-2	13%	+2	+2	9%	+1	0	6%	+1	+1
X (Twitter)	16%	+1	+1	11%	+2	+3	8%	0	-1	5%	+1	0
YouTube	8%	+1	-1	5%	+1	0	7%	0	-2	5%	+1	0

Question was multiple select.

SG-CSAM

KEY METRICS

1 in 9

minors have shared their own SG-CSAM.

Among minors who have shared their own SG-CSAM, over

1 in 4

minors reported having done so with an adult.

1 in 5

minors agree that it is normal for people their age to share a nude image or video of themselves with each other.

Among minors who have shared their own SG-CSAM,

2 in 5

say they did so to do something exciting.

Many minors' online sexual interactions involve the sending and receiving of nude content. In 2024, 1 in 9 (11%) minors reported that at some point in their life, they had shared a nude image or video of themselves with someone else or with their social media followers, down from 13% in 2023. This small dip was relatively consistent across individual demographic groups (Fig 9).

As was the case with the sharing of SG-CSAM in general, there was also a small decrease in the number of minors who indicated they had done so in the past year. Specifically, among minors who reported having shared their own SG-CSAM, 66% (-3% since 2023) said they had shared in the past year. This downward shift is consistent among both minor girls and boys (Fig 10).

In 2024, there was a decrease in minors' perceptions that it is normal for people their age to share nudes with others, with about 1 in 5 (19%, -4% compared to 2023) agreeing that it was normal. This reflects a downward trend since 2019, when 27% of minors agreed that it was normal for their peers to share nudes with each other, driven primarily by decreases among teens (Fig 11).

When asked about the perceived motivations of their peers sharing SG-CSAM, minors often attributed it to a desire to flirt or gain attention, feel attractive or sexy, or because they were dating the person (67%). A significant proportion also believe that pressure

(54%) likely played a role, either from the recipient of the photo (44%) or someone else (30%) (Fig 11A).

However, the idea that people share nudes because they are pressured to do so may be overblown by those who have never shared their own. When looking at minors who *have* shared their own SG-CSAM, they were much less likely to cite feeling pressured or coerced (32%) as a reason why they did so. By comparison, wanting to do something exciting was much more frequently cited, with 2 out of 5 (40%) who had shared images pointing to this reason (compared to only 26% of minors who cite excitement when asked why others share SG-CSAM) (Fig 11B). This suggests that minors may be engaging in more risky behaviors as a result of thrill seeking, further highlighting the need for discussions about the potential adverse outcomes that may result if SG-CSAM — which was initially consensually shared — is reshared.

Among minors who have shared SG-CSAM, 4 in 5 (80%) shared it with someone they know offline. However, over 2 in 5 (44%) reported having done so with someone they only knew online, consistent with 2023 (Fig 12). Minors who had shared SG-CSAM were also more likely to report that it was with someone they believed to be under the age of 18, rather than with someone they believed to be an adult (67% vs 28%). Notably, there was a considerable increase (+17%*) among minor girls

reporting they did not know the age of the person with whom they shared SG-CSAM (Fig 13).

In addition to the 11% of minors who had shared a nude image or video of themselves (Fig 9), another 13% say they considered doing so (Fig 14). As has been the case in previous years, when asked a follow-up question about what influenced their decision not to send SG-CSAM, the top consideration was fear of having the image leaked or shared.

"I've seen some of my friends get in trouble for sending pictures to others and everyone got to see them. I decided it wasn't a good idea to share photos of me nude online."
CIS MALE, 15, AFRICAN AMERICAN/BLACK/CARIBBEAN AMERICAN, SOUTH

"I don't think it's a good idea. I've seen girls in my school ask for nudes and then send them out to a lot of people. I don't think it's safe and you don't always know who you're talking to online. There are a lot of catfishers."
CIS MALE, 17, WHITE, SOUTH

"After thinking about it, I realized that I could get in real trouble, and I know if it ends up on the Internet it will always be on the Internet so I decided not to."
CIS MALE, 13, AFRICAN AMERICAN/BLACK/CARIBBEAN AMERICAN, NORTHEAST

"The way it may compromise my digital footprint for good, stopping me from getting into college."
CIS MALE, 16, AFRICAN AMERICAN/BLACK/CARIBBEAN AMERICAN AND LATINO, NORTHEAST

Fig 9 | **Experiences sharing SG-CSAM – Ever**

Q40X: Have you ever sent or shared a nude photo or video of yourself either directly with someone else or with your social media followers? Please remember your answers are anonymous.

	2024	(+/-) from 2023	(+/-) from 2019
All Minors	11%	-2	0
Girls	12%	-1	0
Boys	10%	-3	+1
Ages 9-12	5%	-3	-1
Girls	6%	-1	+3
Boys	5%	-3	-2
Ages 13-17	15%	-2	0
Girls	17%	0	-2
Boys	14%	-3	+3
LGBTQ+	21%	-4	0
Non-LGBTQ+	10%	-1	+2
African American	12%	+2	+1
Hispanic or Latino/a/x	9%	-7	-2
Other POC	9%	-2	-3*
White	12%	-2	+1

Numbers shown reflect the percentage of minors who reported they had shared their own nude imagery.

Fig 10 | **Experiences sharing SG-CSAM – In the past year**
Among minors who have shared their own nudes

Q40XT. And have you sent or shared a nude photo or video of yourself either directly with someone else or with your social media followers in the past year? Please remember that your answers are anonymous.

	2024	(+/-) from 2023	(+/-) from 2021
All Minors	66%	-3	-2
Girls	74%*	-4*	+16*
Boys	62%*	-5*	-13

Numbers shown reflect, among minors that have shared their own nudes, the percentage who reported they have shared their own nude imagery in the past year. *Base size <100

Fig 11 | **Percentage of minors who agree sharing nudes with peers is normal**

Q40. How strongly do you agree with the following statement: "It's normal for people my age to share nudes with each other."

	2024	(+/-) from 2023	(+/-) from 2019
All Minors	19%	-4	-8
Girls	17%	-3	-9
Boys	20%	-4	-8
Ages 9-12	9%	-3	-4
Girls	8%	-3	-2
Boys	11%	-2	-5
Ages 13-17	26%	-5	-13
Girls	24%	-4	-15
Boys	26%	-7	-12
LGBTQ+	30%	-4	-9
Non-LGBTQ+	17%	-3	-8
African American	20%	+2	-8
Hispanic or Latino/a/x	18%	-8	-12
Other POC	11%	-17	-10*
White	21%	-2	-6

Numbers shown reflect the net percentage of minors who selected they "strongly agree" or "somewhat agree." *Base size <100

NEW

Fig 11A | Reasons why others share SG-CSAM

Q40XA. In your opinion, which of the following best describe the main reasons people your age decide to share a nude photo or video of themselves with others? Please select all that apply. Please remember that your answers are anonymous.

	All Minors	Girls	Boys	Ages 9-12	Girls	Boys	Ages 13-17	Girls	Boys
Total dating, attractive, or flirt	67%	65%	69%	55%	53%	58%	76%	76%	77%
They wanted to flirt or get someone's attention	44%	45%	44%	36%	39%	32%	51%	51%	53%
They were dating the person	42%	39%	44%	30%	28%	33%	51%	49%	53%
They wanted to feel attractive or sexy	40%	40%	39%	29%	31%	25%	48%	47%	49%
Total pressure	54%	57%	51%	52%	55%	48%	56%	59%	53%
They felt pressured by the person they sent it to	44%	46%	41%	41%	43%	39%	46%	48%	43%
They felt pressured by someone other than the person they sent it to	30%	30%	30%	29%	32%	28%	30%	28%	32%
They felt that this was a normal thing to do or not a big deal	30%	32%	29%	28%	34%	22%	32%	30%	34%
They didn't understand what they were doing	29%	30%	27%	31%	38%	22%	28%	23%	31%
They wanted to do something exciting	26%	24%	29%	21%	20%	21%	31%	27%	35%
Other	6%	4%	7%	9%	5%	13%	4%	4%	3%

	LGBTQ+	Non-LGBTQ+	African American	Hispanic or Latino/a/x	Other POC	White
Total dating, attractive, or flirt	75%	66%	69%	64%	72%	67%
They wanted to flirt or get someone's attention	51%	43%	44%	41%	47%	46%
They were dating the person	47%	41%	41%	40%	42%	42%
They wanted to feel attractive or sexy	48%	39%	37%	32%	48%	42%
Total pressure	56%	54%	52%	56%	51%	55%
They felt pressured by the person they sent it to	48%	44%	42%	44%	41%	45%
They felt pressured by someone other than the person they sent it to	29%	30%	27%	35%	27%	29%
They felt that this was a normal thing to do or not a big deal	39%	29%	31%	29%	31%	31%
They didn't understand what they were doing	33%	29%	26%	25%	27%	30%
They wanted to do something exciting	29%	27%	31%	22%	23%	28%
Other	3%	6%	6%	6%	11%	4%

Question was multiple select. "Total dating, attractive, or flirt" includes participant selection for "They wanted to flirt or get someone's attention," "They were dating the person," and "They wanted to feel attractive or sexy." "Total pressure" includes participant selection for "They felt pressured by the person they sent it to" and "They felt pressured by someone other than the person they sent it to."

NEW

Fig 11B | Reasons why minors shared their own SG-CSAM
Among minors who have shared their own nudes

Q40XB. Thinking about the first time you ever shared a nude photo of yourself with someone else, which of the following best describe the main reasons you decided to share a nude photo or video of yourself either directly with someone else or with your social media followers? Please select all that apply. Please remember that your answers are anonymous.

Question was multiple select. "Total dating, attractive, or flirt" includes participant selection for "They wanted to flirt or get someone's attention," "They were dating the person," and "They wanted to feel attractive or sexy." "Total pressure" includes participant selection for "They felt pressured by the person they sent it to" and "They felt pressured by someone other than the person they sent it to."

	All Minors
Total dating, attractive, or flirt	**71%**
You were dating the person	38%
You wanted to feel attractive or sexy	36%
You wanted to flirt or get someone's attention	34%
You wanted to do something exciting	**40%**
You felt that this was a normal thing to do or not a big deal	**34%**
Total pressure	**32%**
You felt pressured by the person you sent it to	22%
You felt pressured by someone other than the person you sent it to	16%
You didn't understand what you were doing	**20%**
Other	**1%**

Fig 12 | Sharing nudes with someone you know vs. a stranger
Among minors who've shared their own nudes

Q44. And had you met the person or people you shared this nude photo/video with in real life before you shared it? Please remember that your answers are anonymous.

	2024	(+/-) from 2023	(+/-) from 2019
Had met the person(s) before	56%	+2	-6
Had met some of the person(s) but not all	24%	-5	-3
Had not met the person(s) before	20%	+3	+10

Fig 13 | **Perceived age of recipient**
Among minors who've shared their own nudes

Q46. Have you ever sent or shared nude photo(s)/video(s) of yourself with any of the following...? Please remember that your answers are anonymous.

	Someone aged 18 or older			Someone under the age of 18			Someone whose age you didn't know			Other		
	2024	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**
All Minors	28%	-6	-13	67%	-2	+10	33%	+7	+3	3%	0	-1
Girls	25%*	-11*	-16*	72%*	+1*	+4*	32%*	+17*	+6*	1%*	-1*	0*
Boys	35%*	+5*	-5	59%*	-6*	+12	37%*	+4*	+3	5%*	+1*	-1

Question was multiple select. Answer choice "Other" was included as an option for minors who might feel uncomfortable disclosing their perception of the age of the person(s) with whom they have shared SG-CSAM.
*Base size <100

Fig 14 | **Percentage of minors who considered sharing a nude, but chose not to**

Q41. Even though you have never shared a nude photo, have you ever considered doing so?

Numbers shown reflect percentage of minors who selected 'yes.'

	2024	**(+/-) from 2023**	**(+/-) from 2019**
All Minors	13%	-2	+2
Girls	10%	-3	-1
Boys	14%	-1	+3

Nonconsensual Resharing

KEY METRICS

1 in 10

minors reported having nonconsensually reshared someone else's SG-CSAM.

Roughly
1 in 6

minors reported having seen nonconsensually reshared SG-CSAM.

1 in 10

minors aged 9–12 reported having seen nonconsensually reshared SG-CSAM.

Roughly
1 in 3

kids exclusively or predominantly blame the person in the image rather than the resharer.

In 2024, 1 in 10 (10%) minors reported having reshared someone else's SG-CSAM online without that person's knowledge. While this represents a small increase compared to 2023 (+3%), it remains generally in line with the rate in 2019 when the question was first asked (9%) (Fig 15).

Several questions were added in the 2024 survey to better understand why and how some minors reshare someone else's SG-CSAM. These questions are discussed in greater detail in Figures 15A, 15B, and 15C.[6]

The most common method of sharing was via text message or iMessage (24%), followed by encrypted messaging apps (17%). Boys specifically were much more likely to say they used encrypted messaging apps for sharing others' nudes (26%*) than girls (10%*). Additionally, boys (21%*) were also 4 times more likely than girls (5%*) to share using the direct messaging feature on social media platforms (Fig 15A).

Trust was the most common reason for resharing someone else's SG-CSAM — over 1 in 5 (22%) minors who reshared SG-CSAM of someone without their knowledge said they did so because they "felt I could trust the people I shared the photo(s)/video(s)

with." Overall, believing "It's normal for my friends to share this" (18%) was the next most commonly selected rationale for engaging in this behavior. Specifically among boys, believing that they "had the right to share" the SG-CSAM with others was the second most commonly chosen rationale, with a quarter (25%) selecting it (Fig 15B).

In 2024, approximately 1 in 6 (17%) minors reported that they had been shown nonconsensually reshared images of others, down 2% from the year prior and down 4% from 2019, when this question was first asked (Fig 16).

Minors' perceptions of blame in situations involving nonconsensually reshared SG-CSAM in 2024 was consistent with recent years; they were more likely to ultimately blame the resharer (62%) as opposed to the person in the image. However, work remains — roughly 1 in 3 (38%) minors place the blame either solely or predominantly on the victim whose images were leaked. Yet, encouragingly, the rate of minors who solely blame the victim in the photo remains far below 2019 levels (–12%) (Fig 17).

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6   During this exploration, the data revealed a significant portion of minors who selected "Other" when asked about their experiences sharing another minor's explicit imagery without consent. Upon elaboration, respondents either did not provide more information or indicated that they had never shared such content. Based on this data, it can be hypothesized that some minors are likely aware of the sensitive nature of this subject, which may lead them to be more reluctant to volunteer details about their personal involvement in these experiences. Additional research will be beneficial to explore the trends associated with resharing behaviors.

Fig 15 | **Experiences with resharing SG-CSAM**

Q50. Have you ever shared a nude photo or video of someone else without that person's knowledge online? Please remember that your answers are anonymous.

	2024	**(+/-) from 2023**	**(+/-) from 2019**
Yes	10%	+3	+1
No	89%	-3	+5
Prefer not to say	1%	0	-6

NEW

Fig 15A | **Experiences with resharing SG-CSAM - Sharing method**
Among minors who have shared a nude photo or video of someone else

Q50X. Which of the following have you done to share a nude photo or video of someone else without that person's knowledge online? Please select all that apply. Please remember that your answers are anonymous.

	All Minors	**Girls**	**Boys**
Text message or iMessage	24%	20%*	29%*
Message in an encrypted messaging app (for example, WhatsApp, Signal, Facebook Messenger, Telegram)	17%	10%*	26%*
Posted it to a time-limited story on a social media profile (for example, a story on Snapchat or Instagram)	14%	12%*	15%*
Standard direct message through a social media platform (for example, DM on Instagram)	13%	5%*	21%*
Shared a disappearing photo through a social media platform (for example, Snapchat or on Instagram)	13%	13%*	14%*
Posted on a social media profile	8%	2%*	14%*
Link to cloud storage (for example, iCloud or Dropbox)	7%	8%*	7%*
AirDrop or Quick Share (formerly Nearby Share)	5%	3%*	7%*
Other	43%	48%*	36%*

Question was multiple select. *Base size <100

`NEW`

Fig 15B | **Experiences with resharing SG-CSAM - Reasons for resharing**
Among minors who have shared a nude photo or video of someone else

Q50C. Which of the following best describes why you shared nude photo(s)/video(s) of someone without that person's knowledge? Please select all that apply.

	All Minors	Girls	Boys
I felt I could trust the people I shared the photo(s)/video(s) with	22%	16%*	29%*
It's normal for my friends to share this	18%	15%*	21%*
I believed that I had the right to share photo(s)/video(s) that are sent to me with anyone I want	15%	6%*	25%*
I was pressured by other people to share the photo(s)/video(s)	13%	12%*	15%*
I wanted to embarrass the person in the photo(s)/video(s)	11%	10%*	11%*
I thought it would impress my friends or make me seem cool	10%	8%*	13%*
Other	45%	50%*	39%*

Question was multiple select. *Base size <100

Fig 16 | **Experiences having seen nonconsensually reshared SG-CSAM**

Q49. Have you ever been shown or sent a nude photo or video of someone at your school or someone else your age in your community without that person's knowledge? Please remember that your answers are anonymous.

	All Minors			Ages 9-12			Ages 13-17		
	2024	**(+/-) from 2023**	**(+/-) from 2019**	**2024**	**(+/-) from 2023**	**(+/-) from 2019**	**2024**	**(+/-) from 2023**	**(+/-) from 2019**
Yes	17%	-2	-4	10%	-3	-1	22%	-2	-7
Prefer not to say	3%	+1	-6	2%	+1	-7	3%	+1	-6
No	80%	+1	+10	88%	+2	+8	75%	+1	+13

Fig 17 | **Perceptions of blame**

*Q51. In your opinion, if a nude photo or video of someone gets out, who is to blame? // Q52. And if a nude photo or video of someone gets out, who is **most** to blame?*

		2024	**(+/-) from 2023**	**(+/-) from 2019**
All Minors	Resharer's fault alone	48%	-3	+8
	Both (lean resharer)	14%	+3	+3
	Both (lean person in photo)	12%	+2	+1
	Victim's fault alone	26%	-2	-12
Ages 9-12	Resharer's fault alone	47%	-4	+6
	Both (lean resharer)	12%	-1	0
	Both (lean person in photo)	15%	+5	+6
	Victim's fault alone	26%	-1	-12
Ages 13-17	Resharer's fault alone	49%	-3	+10
	Both (lean resharer)	15%	+5	+4
	Both (lean person in photo)	10%	0	-2
	Victim's fault alone	27%	-1	-11

Responding to Online Risks

1 in 5

minors who experienced an online sexual interaction did not disclose their experience to anyone.

2 in 5

minors who did not disclose their online sexual interaction said they chose not to because it was "not a big deal."

2x

Minors who have had an online sexual interaction were more than twice as likely to use online reporting tools as to seek offline help.

In 2024, 1 in 5 (20%) minors who had an online sexual interaction indicated they did not turn to anyone for support after the experience, a slight uptick (+2%) from 2023 (Fig 18). As has been the case in the past, the primary reason among those who did not disclose their online sexual experience was because they "felt [it] was not a big deal" (Fig 19).

For minors who have had an online sexual interaction, it continues to be far more common to respond to the experience through an online safety tool than to turn to offline support systems, such as a caregiver or a friend. Among minors who have had such an experience, over 4 in 5 (84%) said they used an online reporting tool to report the experience, as opposed to the 36% who said they turned to someone offline. This gap was wider in 2024 than it was in 2023, with the share of minors who used an online safety tool increasing (+5%) and the share who turned to someone offline decreasing (-10%) (Fig 20).

For minors who have had an online sexual interaction, blocking (66%) continues to be the most commonly used online safety tool to respond to these situations. However, after a notable drop in 2023, there was an uptick (+5%) in the share of minors who said they used the reporting tool in response (Fig 21).

Although online tools continue to be a widely used means of responding to online sexual interactions, when seeking support minors are far more likely to trust the advice and support from their offline relationships than those made online. While 2 in 3 (65%) minors said they could trust friends they knew offline, only 1 in 5 (21%) said the same about their online-only friends (Fig 22).

Like in prior years, in 2024, 3 in 4 (75%) minors indicated that anonymity was the most impactful way to make them more likely to engage with reporting tools if they were made to feel uncomfortable or unsafe online (Fig 23). Over half of all minors indicated that they wanted more information on how to block (53%) and report (52%) people online, while nearly half (46%) indicated that they wanted more information from platforms about how to protect themselves online more generally (Fig 24).

Fig 18 | **Percentage of minors who did not disclose their potentially harmful online experience**

Among minors who have had…

Q33. Earlier you indicated that you have experienced the following on a platform. For the scenarios you experienced, which of the following, if any, did you turn to for support?

Numbers shown reflect the percentage of minors who selected "no one."

	2024	**(+/-) from 2023**	**(+/-) from 2020**
… a potentially harmful online experience	22%	+3	-2
… an online sexual interaction	20%	+2	-6

Fig 19 | **Reasons why minors did not disclose their potentially harmful online experience**

Among minors who turned to 'no one' for support who have had…

Q34. Which of the following describe why you did not look for additional support following experiences you have had on a platform?

	….a potentially harmful online experience			….an online sexual interaction		
	2024	**(+/-) from 2023**	**(+/-) from 2020**	**2024**	**(+/-) from 2023**	**(+/-) from 2020**
You felt this was not a big deal	46%	+3	-16	40%*	+2*	-9*
You felt embarrassed and worried of being judged	27%	-8	+4	29%*	-9*	+12*
You worried about being in trouble with your family	23%	+10	+4	26%*	+10*	0*
You worried your report would not be anonymous	19%	+11	-5	15%*	+11*	-8*
You worried about not being allowed to use a platform	16%	+5	+1	12%*	0*	-7*
You worried about getting bullied at school	14%	+10	+9	19%*	+15*	+17*
You felt like you were to blame or partly to blame for the situation	13%	+3	-2	18%*	+7*	+6*
You worried about police or law enforcement getting involved	12%	+5	-3	18%*	+15*	-1*
You worried about losing friends	12%	+6	+4	12%*	+5*	+3*
You worried about being in trouble with your school	8%	+5	+3	14%*	+9*	+8*

Question was multiple select. *Base size <100

Fig 20 | **Percentage of minors using online safety tools vs. seeking offline support**
Among minors who have had...

Q21A. You indicated that you have experienced the following. For each, when this happened to you, which of the following did you do in response?

■ Online sexual interaction   ■ Potentially harmful online experience

All Minors — Online Tools: 85%, 88%, 86%, 86%, 88% / 83%, 84%, 85%, 79%, 84%. Offline Support: 41%, 43%, 50%, 46%, 38% / 37%, 35%, 47%, 42%, 36%.

Ages 9-12 — Online Tools: 86%, 85%, 81%*, 89%, 87% / 83%, 81%*, 80%, 85%*, 83%*. Offline Support: 50%, 48%, 51%, 44%*, 38% / 43%, 35%*, 48%*, 43%, 31%*.

Ages 13-17 — Online Tools: 84%, 90%, 89%, 84%, 89% / 84%, 86%, 88%, 77%, 84%. Offline Support: 35%, 40%, 49%, 46%, 39% / 34%, 36%, 47%, 42%, 38%.

Years: 2020, 2021, 2022, 2023, 2024
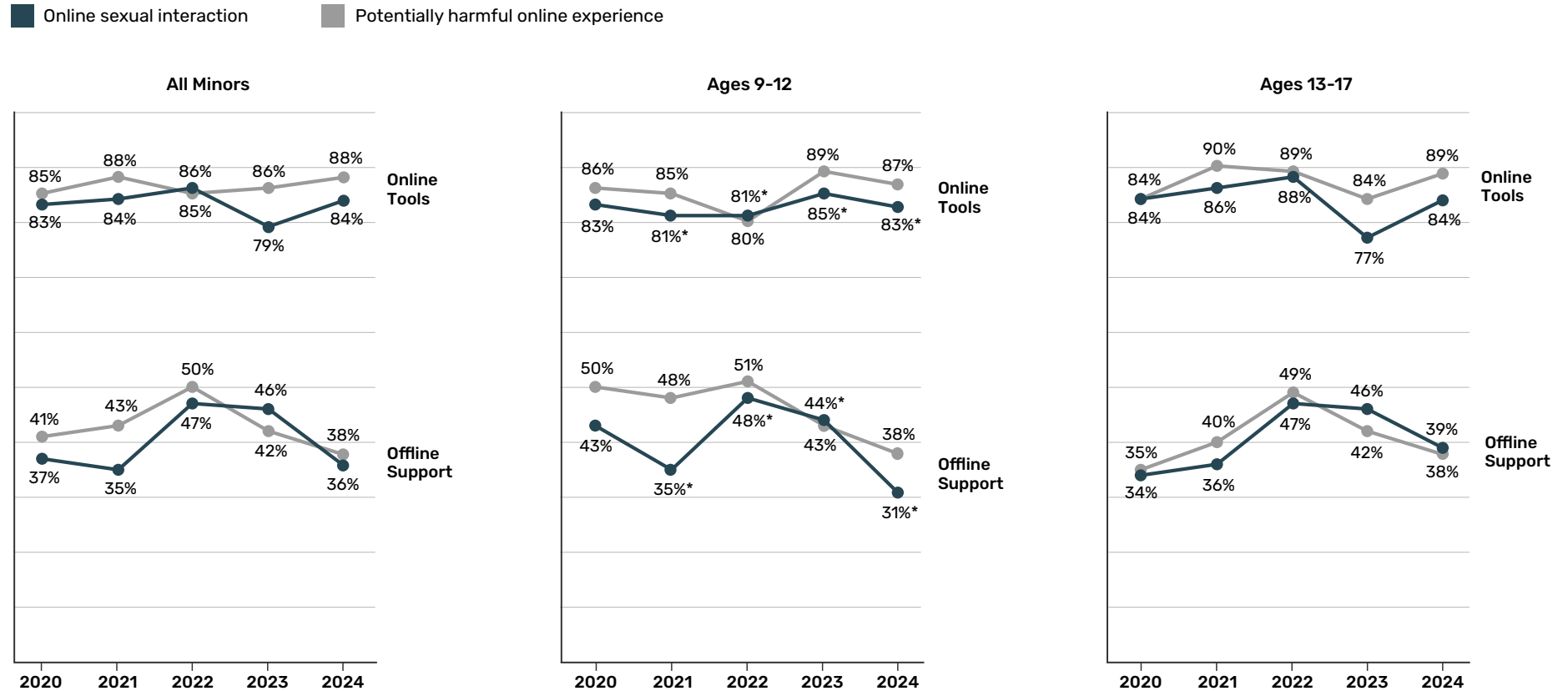
Question was multiple select. "Online tools" reflects the net percentage of minors who selected "Block the person", "Report the person to the platform," or "Mute the person." "Offline support" reflects the net percentage of minors who selected "Tell a friend what happened" or "Tell a parent, caregiver, or other trusted adult what happened." *Base size <100

Fig 21 | **Minors' use of online safety tools, by tool type**
Among minors who have had...

Q21A. You indicated that you have experienced the following. For each, when this happened to you, which of the following did you do in response?

██ Block   ██ Report   ██ Mute

All Minors

Potentially harmful online experience

	2020	2021	2022	2023	2024
Block	66%	68%	72%	73%	78%
Report	46%	50%	48%	41%	41%
Mute	27%	23%	23%	23%	26%

Online sexual interaction

	2020	2021	2022	2023	2024
Block	65%	61%	70%	66%	66%
Report	47%	45%	52%	41%	46%
Mute	20%	18%	22%	19%	24%

Ages 9-12

Potentially harmful online experience

	2020	2021	2022	2023	2024
Block	64%	61%	69%	77%	78%
Report	50%	49%	44%	44%	38%
Mute	28%	21%	19%	25%	25%

Online sexual interaction

	2020	2021	2022	2023	2024
Block	63%	56%*	63%*	72%*	60%*
Report	42%	46%*	54%*	47%*	47%*
Mute	21%	15%*	17%*	14%*	18%*

Ages 13-17

Potentially harmful online experience

	2020	2021	2022	2023	2024
Block	68%	72%	74%	71%	78%
Report	43%	50%	50%	39%	43%
Mute	27%	25%	27%	23%	27%

Online sexual interaction

	2020	2021	2022	2023	2024
Block	65%	64%	73%	64%	68%
Report	50%	44%	52%	38%	45%
Mute	20%	20%	24%	21%	27%

Question was multiple select. *Base size <100

Fig 22 | Who kids trust

Q11. How much do you agree or disagree with each of the following statements?

Participants were asked to rate their level of agreement with the given statement on a scale of 1-7, with 1 being "completely disagree" and 7 being "completely agree." Values shown represent the percentage of respondents who strongly agreed (i.e., net 6-7).

	I can trust my friends who I know in real life			I can trust my friends who I only know online		
	2022	**2023**	**2024**	**2022**	**2023**	**2024**
All Minors	64%	63%	65%	22%	17%	21%
Ages 9-12	62%	61%	65%	22%	14%	23%
Ages 13-17	65%	64%	64%	22%	19%	19%
LGBTQ+	62%	50%	67%	30%	13%	15%
Non-LGBTQ+	64%	66%	65%	21%	18%	21%
African American	57%	66%	66%	23%	16%	23%
Hispanic or Latino/a/x	64%	61%	63%	24%	16%	23%
Other POC	53%	62%	61%	17%	17%	14%
White	68%	62%	67%	23%	17%	22%

Fig 23 | What makes minors more likely to use online reporting tools

Q30. Regardless of the specific situation, if another user on a platform did something that made you feel uncomfortable or unsafe, would knowing the following make you more or less likely to report them to the platform?

Numbers reflect net percentage of minors who selected "much more likely" or "somewhat more likely."

	2024	**(+/-) from 2023**	**(+/-) from 2020**
Report would be anonymous	75%	-2	+7
Report would be evaluated and responded to by a real human being who works for the platform	67%	-4	-1
Believe the person is lying about who they are or their identity in some way	67%	-1	+6
Only know the person online	64%	+2	+3
Report would go to an independent organization for review	55%	-1	0
Know the person offline/in real life	38%	-2	-2
Report would be evaluated and responded to by an artificial intelligence program or bot	37%	-3	-2
Possibility of being kicked off of the platform in response	33%	0	-1
The reported user would know you were the one who reported them	32%	-1	-5

Fig 24 | Desired platform resources and actions as expressed by minors

Q32. Thinking about the platforms you use, would you want them to provide you with any of the following when you use the platform? Please select all that apply.

Question was multiple select.

	2024	**(+/-) from 2023**	**(+/-) from 2022**
Information on how to block people	53%	+2	-1
Information on how to report people	52%	0	-1
Information on how to protect yourself online from uncomfortable or risky sexual experiences	46%	+1	-3
Tutorial videos on how to report or block someone	36%	+1	-4
Pop-up messages that check in on how safe you feel on their platform	34%	-5	-5
Support or counseling if you've had a bad experience on their platform	27%	-3	-4
None of the above	21%	0	+4

Discussion

The significance of digital life for contemporary youth is undeniable, but so too are the novel ways they encounter and navigate the multitude of risks that surface when growing up online. Understanding the online risk landscape and the nuanced dangers kids face online is critical to developing effective strategies to protect them.

Thorn's annual monitoring research helps facilitate a deeper understanding of online risks by providing an ongoing observation of the evolving online sexual risk landscape. Since data collection began in 2019, certain concerns have remained prevalent, while new risk areas have emerged. As we build out our understanding of these issues, new insights will continue to illuminate vulnerabilities where we must work to equip online environments with the tools and support systems necessary to help kids growing up online.

Year-over-year data shows some promising trends among many young people's SG-CSAM attitudes and perspectives: the number of minors sharing and perceptions of normalcy are both down from their peaks in 2020 and 2021.

During and immediately following the COVID-19 pandemic, there was a notable increase in minors who said they shared their own SG-CSAM with someone else or their social media followers. Yet after peaking at 18% in 2021, this number has fallen three years in a row, now at 11% in 2024 (Fig 25). And while two-thirds (66%) of minors who have shared their own SG-CSAM have done so within the past year, this number has also fallen since 2022, when it peaked at 78% (Fig a-12).

As the proportion of minors who say they have shared their own SG-CSAM continues to fall, so has the number of minors who believe it is normal for people their age to share nudes with other minors. In 2024, only 1 in 5 minors (19%) agreed that it is normal, down from 23% in 2023 and 28% in 2020 (Fig 25).

Fig 25 | **Experiences and perceptions of sharing SG-CSAM, by year**

Q40X: Have you ever sent or shared a nude photo or video of yourself either directly with someone else or with your social media followers? Please remember that your answers are anonymous. Q40. How strongly do you agree with the following statement? It's normal for people my age to share nudes with each other.

■ Minors who reported they had shared their own nude imagery

■ Minors who "strongly agree" or "somewhat agree" that sharing nudes with peers is normal
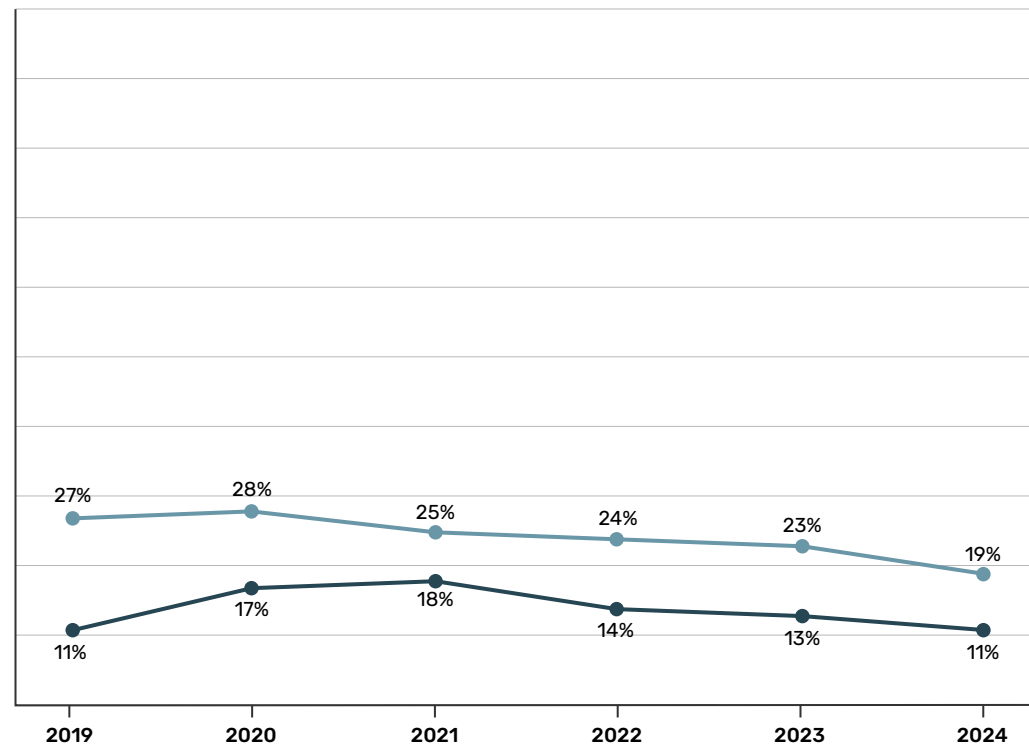
Younger boys (aged 9–12) are showing concerning increases in the risk of potentially harmful online experiences, and particularly, being solicited with online sexual advances.

While trends overall are promising, young boys show concerning numbers. As discussed in an earlier section of this report, the number of minors reporting potentially harmful online experiences since 2023 showed little change, including numbers regarding online sexual interactions. However, there were some important variations among gender and age subgroups that are worth highlighting. While the rate of potentially harmful online experiences decreased among girls (-6%), there was an uptick among boys (+5%) in 2024, especially for younger boys (aged 9–12) (+14%) (Fig a-06).

More specifically, the increase among younger boys was consistent for both potentially harmful nonsexual and sexually explicit online experiences — 3 in 5 (59%) younger boys reported being bullied or made uncomfortable online (+14%), while a third (33%) reported having had an online sexual interaction (+15% from 2023, +5% from 2020 when data collection began)(Fig a-06). Furthermore, since 2023, the rates among younger boys of online sexual interactions with someone believed to be an adult have risen considerably, reaching a new high since data collection on this question began in 2020 (Fig 26).

Drilling down into the specific types of interactions that increased in 2024 is illuminating. The two largest upticks were "being sent sexual messages" (+12%) and "being asked to send a nude photo or video" (+9%)(Fig a-06). Both of these interactions involve being contacted by someone else online and asked to do something, but not necessarily following through with it.

Given there has been no significant change since 2023 in the percentage of 9–12-year-old boys who report having shared their own SG-CSAM (-3%) (Fig 9), the 2024 numbers suggests that there may be a shift in the risks younger boys face in online environments, rather than a shift in their propensity to engage in risky behaviors.

The 2024 data presents a sharp rise, highlighting an area that merits closer examination. While one year of data does not establish a trend, further research is needed to understand whether this spike represents an outlier or signals a more sustained increase in the risks facing young boys online.

Fig 26 | **Online sexual interactions of minors involving peers and adults, by year**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

■ Potentially harmful online experience

■ Online sexual interaction

All Minors

48% 49% 58% 59% 58%

33% 31% 33% 35% 35%

2020 2021 2022 2023 2024

Girls 9-12

46% 41% 50% 54% 51%

26% 21% 20% 32% 22%

2020 2021 2022 2023 2024

Boys 9-12

48% 46% 59% 49% 63%

27% 20% 24% 18% 33%

2020 2021 2022 2023 2024
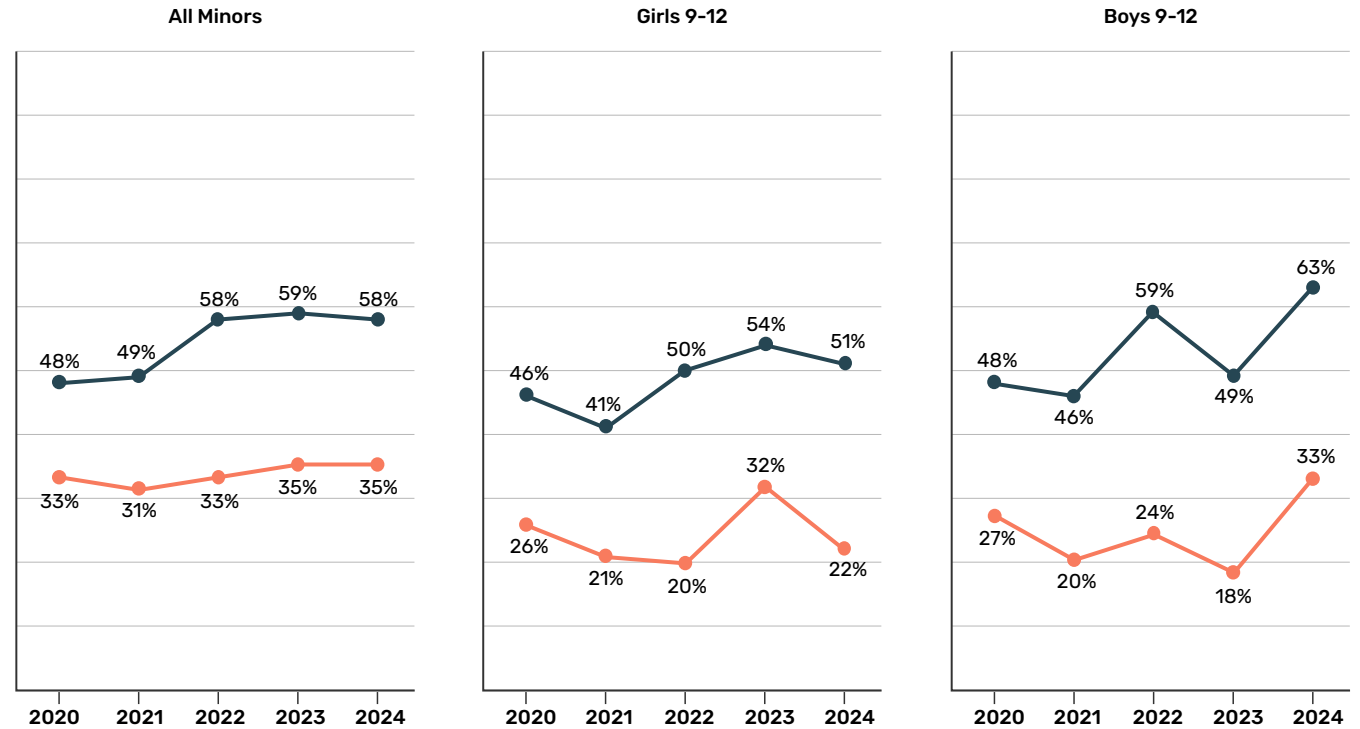
Question was multiple select.

Minors engaging in risky online behaviors are more likely to lack the support they need from trusted adults.

It's critical that minors have the support they need to navigate online threats when they do occur. Yet, concerningly, the data suggests that minors who have had a potentially risky sexual interaction online may be less likely to have a trusted adult in their lives. For example, minors who have shared SG-CSAM were notably less likely than those who hadn't to report having a trusted adult they could confide in if they had a serious problem.

And, it looks like the situation could be getting worse. The likelihood of turning to a trusted adult after having an online sexual interaction has decreased over the last several years, down 10 points since 2022. LGBTQ+ youth were the least likely to turn to a trusted adult (51%)(Fig 28).

Fig 27 | **Who kids trust, by experience**
QI1. How much do you agree or disagree with each of the following statements?

If I have a serious problem or challenge, I have a trusted adult who I can go to for help	2024
All Minors	68%
Among minors who have shared SG-CSAM	54%
Among minors who have <u>not</u> shared SG-CSAM	71%

Participants were asked to rate their level of agreement with the given statement on a scale of 1–7, with 1 being "completely disagree" and 7 being "completely agree". Values shown represent the percentage of respondents who "completely agree".

Fig 28 | **Disclosure of online sexual experience to a trusted adult, by year**
Among minors who have had an online sexual interaction

Q33. Earlier you indicated that you have experienced the following on a platform. For the scenarios you experienced, which of the following, if any, did you turn to for support?

All Minors
2022: 72% 2023: 71% 2024: 62%

Girls
2022: 69% 2023: 73% 2024: 63%

Boys
2022: 73% 2023: 67% 2024: 66%

LGBTQ*
2022: 66%* 2023: 77%* 2024: 51%*
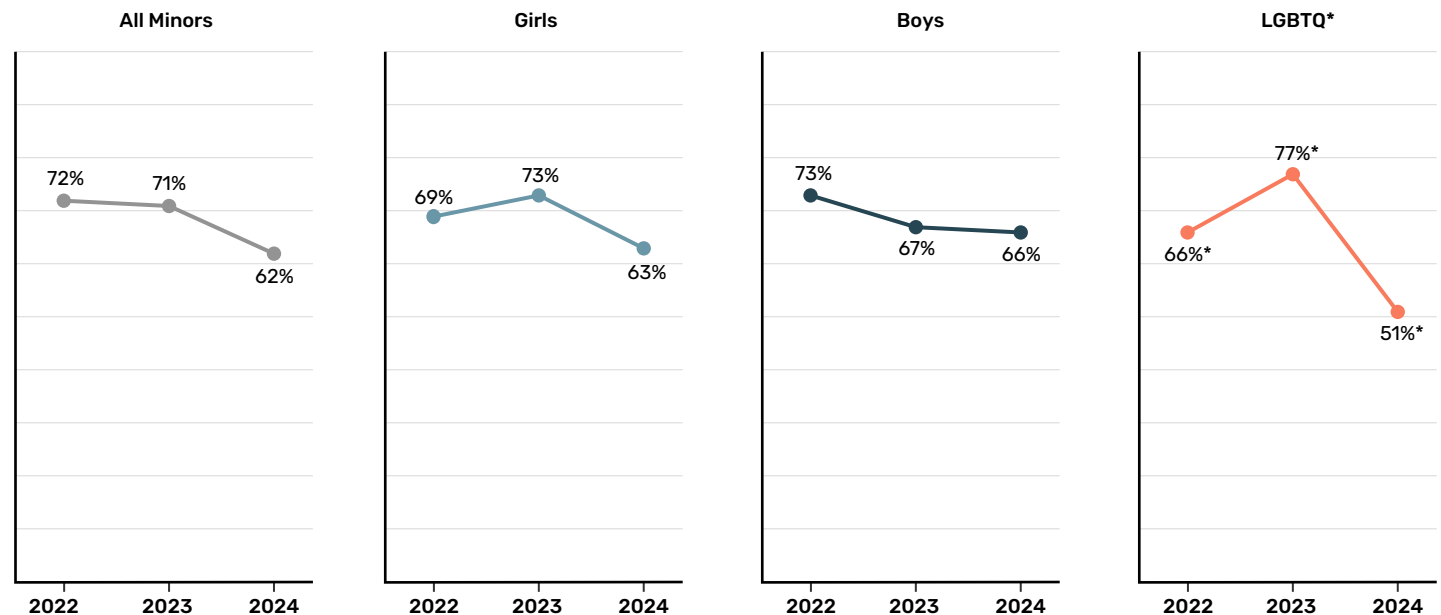
Question was multiple select. "Any trusted adult" reflects the net percentage of minors who selected "A parent or guardian," "A trusted adult, like an uncle, aunt, or family friend," "A teacher, guidance counselor, or someone at school," or "A police officer." *Base size <100

Extended Reality (XR) experiences are here, and the developers and manufacturers behind XR apps and hardware need to be proactive about child safety.

In recent years, extended reality, virtual reality, and augmented reality experiences have emerged as a new frontier for people to explore and connect with others online. While many minors are aware of the technology, most aren't actively using it yet.

Overall, 2 in 3 (67%) minors have heard of the term "metaverse", with awareness highest among older boys (aged 13–17) (75%) and LGBTQ+ youth (74%) (Fig 5A). Despite high levels of awareness, fewer than a quarter of minors (23%) have used or explored a metaverse. Even teenage boys (24%), who are most familiar with the term, have used or explored a metaverse at a similar rate as minors overall (Fig 5B).

This gap between high metaverse awareness and low actual usage among minors presents an important opportunity to ensure these environments are built safely and users are equipped with effective strategies to respond to uncomfortable or unsafe experiences. Existing research has highlighted harms that have already been observed in these spaces, such as exposure to graphic content, sexually abusive interactions, and the challenges to content moderation in such environments.[7] Although adoption has been gradual and market forecasts for XR technologies are mixed,[8] rapidly advancing technical capabilities and declining costs mean we should prepare for continued adoption. It is vital that minor safety is made a priority before these technologies reach widespread adoption among young people.

Fig 29 | **Awareness and usage of the metaverse**
QMV1. Have you ever heard of the term "metaverse"?; QMV2. Have you ever used or explored the metaverse?

Awareness of the metaverse
No 25%
Not sure 8%
Yes 67%

Have used the metaverse
No 70%
Yes 23%
Not sure 7%
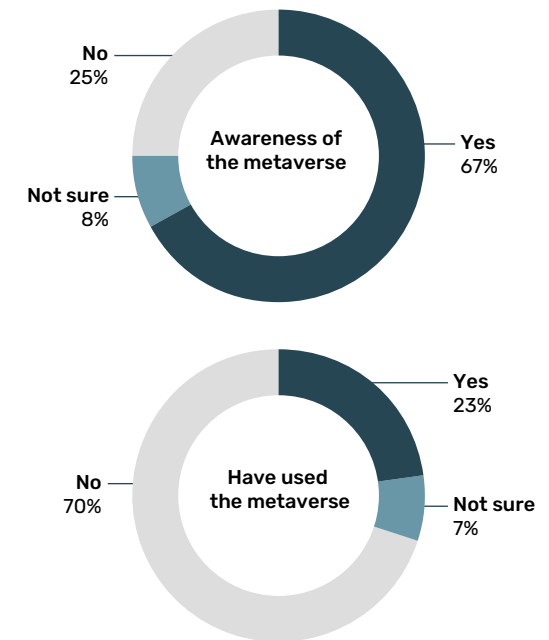
In our current, fast-evolving digital landscape, young individuals face novel and sometimes unforeseen difficulties as they navigate through their youth. We must continue to create strategies focused on establishing secure online spaces and enacting robust protective measures. Such approaches must incorporate the insights and lived experiences of young people in order to guarantee their efficacy in addressing the needs and concerns of kids today.

7   Thorn and WeProtect Global Alliance. (2024). Evolving Technologies Horizon Scan: A review of technologies carrying notable risk and opportunity in the fight against technology-facilitated child sexual exploitation.
8   https://technologymagazine.com/articles/how-meta-is-dominating-the-ar-vr-market-amid-global-demand

Annex

The data provided in this section supplements the report's data. These tables include more detailed views, including year-over-year results and additional demographic groups.

Fig a-01 | Platform usage rates, by year – ever used

Q14B. How often do you use/check/play each of the following?

	All Minors						Ages 9-12						Ages 13-17					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
Amino	-	10%	6%	5%	3%	3%	-	8%	4%	4%	3%	1%	-	11%	7%	6%	4%	5%
Among Us	-	43%	43%	49%	50%	43%	-	23%	44%	52%	55%	46%	-	59%	42%	46%	46%	41%
BeReal	-	-	-	11%	14%	12%	-	-	-	6%	12%	10%	-	-	-	15%	16%	14%
Call of Duty	-	48%	52%	62%	64%	62%	-	45%	48%	56%	56%	56%	-	51%	55%	66%	71%	67%
Discord	32%	34%	34%	46%	48%	51%	23%	20%	24%	36%	42%	39%	39%	45%	43%	55%	53%	59%
Emerald Chat	-	-	-	-	3%	4%	-	-	-	-	3%	2%	-	-	-	-	3%	5%
Facebook	55%	62%	61%	67%	72%	69%	51%	66%	52%	53%	59%	56%	58%	60%	67%	78%	81%	78%
Fortnite	52%	47%	57%	71%	73%	75%	60%	47%	61%	72%	73%	75%	45%	47%	54%	69%	74%	75%
Google Hangouts/Google Meet	26%	64%	51%	49%	47%	49%	21%	63%	47%	37%	39%	42%	30%	65%	54%	59%	53%	54%
Grand Theft Auto (GTA)	47%	39%	44%	54%	63%	56%	45%	36%	40%	48%	56%	47%	48%	42%	47%	60%	69%	62%
Instagram	68%	76%	66%	69%	69%	69%	56%	65%	49%	51%	50%	52%	77%	85%	79%	84%	83%	81%
Kik	18%	14%	13%	19%	18%	17%	18%	11%	10%	14%	15%	14%	17%	16%	15%	22%	20%	19%
Live.me	-	-	7%	8%	6%	6%	-	-	6%	5%	4%	4%	-	-	7%	11%	8%	8%
Marco Polo	18%	10%	10%	11%	11%	9%	23%	12%	11%	9%	12%	10%	14%	8%	9%	12%	10%	8%
Messenger (Facebook)	52%	62%	64%	68%	72%	71%	51%	69%	61%	60%	59%	63%	53%	56%	66%	75%	82%	77%
Minecraft	-	62%	71%	80%	78%	81%	-	57%	72%	80%	78%	81%	-	65%	70%	80%	77%	81%
Monkey	17%	7%	6%	6%	4%	5%	17%	7%	6%	3%	3%	6%	16%	8%	6%	7%	5%	5%
OmeTV	-	-	-	-	-	3%	-	-	-	-	-	2%	-	-	-	-	-	3%
Reddit	32%	32%	34%	44%	44%	46%	24%	20%	26%	30%	36%	34%	38%	41%	41%	55%	51%	56%
Roblox	-	47%	59%	72%	80%	80%	-	42%	66%	76%	87%	83%	-	50%	54%	69%	74%	77%
Signal	12%	2%	5%	8%	5%	8%	12%	3%	6%	6%	5%	5%	12%	2%	5%	9%	6%	10%
Snapchat	68%	71%	68%	68%	72%	69%	61%	67%	58%	54%	59%	54%	73%	74%	77%	80%	81%	80%
Telegram	13%	11%	13%	20%	20%	20%	13%	17%	13%	15%	16%	13%	13%	7%	14%	23%	23%	26%
TikTok	52%	69%	75%	82%	84%	77%	55%	66%	69%	74%	75%	67%	49%	71%	80%	88%	91%	85%
Tor/Onion Browser	-	-	-	5%	6%	5%	-	-	-	3%	4%	4%	-	-	-	6%	7%	6%
Tumblr	25%	40%	34%	36%	31%	33%	21%	45%	27%	26%	26%	30%	28%	36%	39%	43%	35%	35%
Twitch	30%	36%	33%	44%	45%	49%	28%	30%	25%	35%	40%	45%	32%	41%	39%	51%	48%	53%
WhatsApp	27%	47%	44%	46%	43%	48%	23%	55%	39%	33%	34%	42%	30%	40%	47%	57%	51%	53%
Whisper	-	4%	5%	7%	7%	7%	-	5%	5%	4%	5%	4%	-	4%	4%	9%	8%	9%
Wink	-	5%	5%	8%	5%	5%	-	6%	6%	6%	4%	4%	-	5%	4%	9%	6%	6%
Wizz	-	-	-	-	4%	4%	-	-	-	-	2%	3%	-	-	-	-	6%	5%
X (Twitter)	41%	59%	51%	52%	49%	48%	28%	56%	39%	35%	36%	34%	50%	62%	61%	66%	59%	59%
YouNow	-	7%	6%	7%	5%	5%	-	10%	6%	5%	6%	2%	-	5%	5%	8%	4%	6%
YouTube	95%	97%	98%	98%	98%	98%	94%	98%	97%	97%	97%	98%	96%	97%	98%	99%	99%	98%
Yubo	-	-	7%	6%	4%	4%	-	-	5%	5%	4%	3%	-	-	9%	6%	4%	5%

Fig a-02 | Platform usage rates, by year – at least once per day

Q14B. How often do you use/check/play each of the following?

	All Minors						Ages 9-12						Ages 13-17					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
Amino	-	3%	2%	1%	1%	1%	-	4%	2%	0%	1%	0%	-	3%	2%	2%	1%	1%
Among Us	-	23%	10%	12%	13%	10%	-	13%	13%	14%	16%	13%	-	31%	7%	11%	11%	8%
BeReal	-	-	-	5%	6%	4%	-	-	-	3%	7%	4%	-	-	-	7%	5%	4%
Call of Duty	-	18%	15%	24%	24%	22%	-	20%	14%	20%	18%	22%	-	16%	15%	27%	28%	22%
Discord	14%	19%	17%	23%	23%	21%	10%	12%	12%	16%	14%	16%	18%	25%	20%	28%	29%	25%
Emerald Chat	-	-	-	-	1%	1%	-	-	-	-	1%	1%	-	-	-	-	1%	2%
Facebook	29%	36%	36%	42%	47%	44%	29%	45%	32%	29%	35%	32%	29%	28%	39%	52%	57%	53%
Fortnite	23%	17%	19%	29%	29%	33%	31%	22%	23%	33%	26%	39%	16%	13%	16%	26%	31%	28%
Google Hangouts/Google Meet	8%	33%	17%	17%	14%	15%	8%	36%	16%	11%	9%	13%	9%	30%	18%	22%	17%	17%
Grand Theft Auto (GTA)	14%	12%	12%	18%	24%	16%	15%	14%	11%	17%	19%	16%	13%	11%	13%	20%	27%	17%
Instagram	46%	50%	42%	44%	45%	45%	34%	40%	26%	29%	26%	32%	55%	59%	55%	57%	59%	56%
Kik	5%	4%	3%	6%	7%	5%	7%	5%	3%	4%	6%	4%	3%	3%	3%	6%	9%	6%
Live.me	-	-	2%	4%	2%	2%	-	-	2%	2%	1%	1%	-	-	2%	5%	3%	4%
Marco Polo	3%	2%	3%	2%	3%	2%	4%	3%	4%	2%	4%	2%	3%	1%	3%	2%	3%	2%
Messenger (Facebook)	27%	32%	34%	39%	44%	43%	27%	38%	32%	30%	32%	38%	26%	27%	36%	46%	53%	47%
Minecraft	-	20%	25%	29%	31%	29%	-	23%	30%	33%	35%	37%	-	17%	21%	26%	27%	22%
Monkey	4%	2%	2%	1%	1%	1%	6%	2%	3%	1%	1%	2%	3%	2%	2%	2%	1%	1%
OmeTV	-	-	-	-	-	1%	-	-	-	-	-	0%	-	-	-	-	-	1%
Reddit	11%	10%	10%	14%	12%	15%	12%	8%	9%	9%	10%	12%	11%	12%	10%	18%	14%	17%
Roblox	-	17%	25%	36%	43%	38%	-	22%	35%	47%	56%	49%	-	13%	17%	28%	33%	29%
Signal	5%	1%	2%	2%	2%	3%	3%	2%	3%	1%	1%	3%	6%	1%	2%	3%	2%	2%
Snapchat	48%	47%	42%	45%	48%	44%	41%	40%	29%	31%	33%	29%	54%	52%	52%	55%	59%	55%
Telegram	4%	6%	6%	9%	9%	8%	4%	10%	5%	8%	6%	5%	4%	3%	7%	10%	11%	10%
TikTok	30%	45%	53%	62%	64%	56%	33%	41%	45%	56%	50%	40%	28%	49%	59%	66%	74%	68%
Tor/Onion Browser	-	-	-	2%	1%	2%	-	-	-	2%	1%	1%	-	-	-	2%	2%	3%
Tumblr	8%	13%	11%	11%	8%	8%	7%	18%	10%	10%	6%	6%	8%	9%	12%	12%	9%	9%
Twitch	10%	14%	10%	17%	17%	15%	12%	14%	7%	14%	14%	14%	9%	14%	11%	20%	20%	16%
WhatsApp	12%	26%	20%	20%	19%	20%	11%	39%	20%	14%	14%	15%	14%	16%	20%	26%	22%	23%
Whisper	-	1%	2%	3%	1%	2%	-	1%	3%	2%	1%	2%	-	1%	2%	3%	2%	3%
Wink	-	2%	2%	3%	1%	1%	-	2%	2%	4%	1%	1%	-	2%	2%	2%	1%	1%
Wizz	-	-	-	-	1%	2%	-	-	-	-	0%	1%	-	-	-	-	2%	2%
X (Twitter)	18%	28%	24%	25%	19%	21%	14%	30%	19%	17%	13%	13%	22%	27%	29%	31%	24%	27%
YouNow	-	3%	2%	2%	1%	1%	-	5%	2%	1%	1%	0%	-	1%	1%	2%	2%	2%
YouTube	79%	80%	79%	83%	83%	84%	79%	78%	78%	84%	83%	85%	78%	81%	79%	82%	83%	83%
Yubo	-	-	2%	1%	1%	1%	-	-	2%	1%	1%	1%	-	-	2%	2%	1%	1%

Fig a-03 | **Platform usage rates among minors with SG-CSAM experiences - at least once per day**

Q14B. How often do you use/check/play each of the following?

	2020			2021			2022			2023			2024		
	Shared	Shown	Reshared	Shared	Shown	Reshared	Shared	Shown	Reshared	Shared	Shown	Reshared	Shared	Shown	Reshared
Amino	2%	3%	2%*	5%	5%	9%	5%	2%	4%	6%	3%	1%*	3%	1%	2%
Among Us	21%	33%	21%*	14%	14%	11%	13%	11%	14%	18%	14%	16%*	11%	9%	11%
BeReal	-	-	-	-	-	-	7%	7%	7%	15%	11%	10%*	12%	8%	6%
Call of Duty	22%	23%	26%*	19%	19%	17%	42%	33%	37%	42%	29%	35%*	27%	27%	28%
Discord	19%	22%	19%*	19%	24%	21%	40%	28%	34%	36%	32%	31%*	43%	33%	27%
Emerald Chat	-	-	-	-	-	-	-	-	-	3%	3%	2%*	3%	3%	3%
Facebook	50%	45%	62%*	62%	53%	68%	67%	53%	56%	71%	65%	55%*	79%	64%	58%
Fortnite	14%	20%	18%*	18%	20%	20%	35%	31%	33%	41%	33%	37%*	46%	36%	35%
Google Hangouts/Google Meet	44%	45%	60%*	40%	29%	53%	34%	24%	26%	20%	16%	20%*	31%	24%	20%
Grand Theft Auto	21%	22%	23%*	16%	14%	17%	33%	26%	26%	30%	27%	42%*	29%	22%	21%
Instagram	65%	67%	71%*	65%	62%	64%	74%	58%	56%	75%	68%	42%*	72%	65%	50%
Kik	7%	6%	7%*	8%	6%	11%	12%	12%	10%	14%	15%	12%*	14%	7%	9%
Live.me	-	-	-	6%	4%	8%	6%	5%	6%	5%	5%	2%*	11%	6%	6%
Marco Polo	6%	3%	7%*	10%	6%	12%	3%	1%	4%	6%	6%	8%*	6%	2%	4%
Messenger	47%	40%	63%*	61%	50%	69%	66%	52%	54%	62%	60%	52%*	68%	61%	51%
Minecraft	14%	19%	11%*	23%	17%	25%	32%	27%	38%	39%	32%	34%*	41%	26%	37%
Monkey	4%	3%	4%*	5%	6%	9%	5%	2%	3%	6%	3%	5%*	5%	1%	1%
OmeTV	-	-	-	-	-	-	-	-	-	-	-	-	2%	1%	2%
OnlyFans	4%	4%	4%*	11%	9%	15%	-	-	-	-	-	-	-	-	-
Reddit	18%	17%	24%*	16%	13%	18%	34%	23%	26%	28%	20%	15%*	28%	19%	21%
Roblox	10%	16%	20%*	16%	19%	13%	34%	30%	38%	49%	43%	28%*	31%	37%	41%
Signal	4%	1%	3%*	7%	5%	13%	8%	4%	4%	7%	5%	4%*	7%	3%	7%
Snapchat	71%	64%	72%*	62%	61%	64%	65%	60%	55%	65%	67%	52%*	69%	64%	43%
Telegram	12%	7%	11%*	15%	11%	21%	25%	18%	23%	25%	15%	20%*	23%	14%	13%
TikTok	60%	58%	62%*	66%	72%	70%	77%	70%	70%	82%	76%	66%*	80%	78%	63%
Tor/Onion Browser	-	-	-	-	-	-	7%	4%	7%	8%	4%	5%*	8%	6%	6%
Tumblr	26%	18%	37%*	36%	24%	51%	26%	17%	24%	23%	10%	16%*	21%	16%	14%
Twitch	20%	25%	21%*	15%	14%	16%	35%	24%	28%	36%	29%	19%*	34%	23%	22%
WhatsApp	39%	30%	53%*	45%	35%	53%	50%	29%	35%	43%	32%	27%*	39%	29%	22%
Whisper	3%	4%	6%*	8%	8%	15%	8%	4%	6%	5%	3%	4%*	9%	5%	5%
Wink	5%	4%	3%*	6%	5%	9%	8%	4%	9%	2%	2%	2%*	4%	2%	3%
Wizz	-	-	-	-	-	-	-	-	-	3%	3%	4%*	3%	5%	1%
X (Twitter)	41%	33%	53%*	55%	45%	62%	48%	34%	38%	44%	28%	26%*	47%	38%	28%
YouNow	3%	4%	9%*	11%	7%	17%	4%	3%	6%	5%	4%	4%*	4%	1%	4%
YouTube	78%	85%	88%*	75%	78%	72%	82%	80%	82%	89%	85%	87%*	90%	88%	91%
Yubo	-	-	-	7%	5%	12%	5%	2%	6%	5%	3%	4%*	3%	1%	3%

*Base size <100

Fig a-04 | **Dating app and pornography site usage rates, by year**

QApps. Do you use any of the following dating or adult apps?

	Any Dating App					OnlyFans			Pornography Site		
	2020	**2021**	**2022**	**2023**	**2024**	**2022**	**2023**	**2024**	**2022**	**2023**	**2024**
All Minors	17%	22%	19%	17%	16%	12%	10%	9%	20%	16%	13%
Girls	11%	16%	12%	15%	17%	6%	8%	9%	12%	12%	8%
Boys	23%	28%	25%	17%	17%	18%	12%	9%	28%	18%	17%
Ages 9-12	21%	21%	11%	8%	11%	8%	4%	5%	12%	7%	7%
Girls	14%	18%	3%	6%	12%	3%	3%	8%	6%	6%	5%
Boys	27%	24%	19%	9%	10%	14%	4%	1%	17%	8%	9%
Ages 13-17	14%	22%	24%	23%	20%	15%	15%	12%	27%	22%	17%
Girls	9%	14%	19%	22%	20%	9%	11%	10%	16%	17%	11%
Boys	19%	31%	30%	24%	22%	22%	17%	14%	37%	26%	23%
LGBTQ+	19%	22%	21%	25%	18%	12%	16%	9%	31%	28%	19%
Non-LGBTQ+	17%	22%	19%	15%	16%	12%	9%	9%	19%	13%	12%
African American	18%	28%	21%	14%	19%	13%	8%	7%	21%	15%	14%
Hispanic or Latino/a/x	15%	33%	19%	17%	12%	10%	12%	7%	23%	19%	10%
Other POC	11%	11%	9%	20%	14%	8%	11%	5%	16%	19%	9%
White	20%	17%	21%	16%	17%	14%	10%	11%	21%	14%	15%

"Any Dating App" includes participant selection for Tinder, Grindr, Bumble, Hinge, Tagged, Hily, Badoo, or "Other". Hily and Badoo were not included in years prior to 2024. Tagged was not included in years prior to 2023. OnlyFans and Pornography Site were not asked prior to 2022.

Fig a-05 | **Use of secondary accounts, by year**

Q17. Some people have a "finsta"— or multiple accounts on one social network so that they can share some stuff more privately. Across the social media platforms or apps that you use, do you have a second private account that allows you to share content without certain people such as your parents, family, or people at school seeing it?

		2019	2020	2021	2022	2023	2024
All Minors	Yes	23%	27%	22%	27%	21%	23%
	Prefer not to say	11%	7%	6%	3%	2%	2%
	No	66%	66%	72%	71%	77%	75%
Ages 9-12	Yes	14%	25%	16%	18%	14%	17%
	Prefer not to say	11%	2%	3%	1%	2%	2%
	No	75%	73%	81%	80%	84%	82%
Girls	Yes	15%	21%	16%	15%	18%	17%
	Prefer not to say	10%	1%	4%	2%	2%	1%
	No	75%	78%	80%	83%	79%	81%
Boys	Yes	13%	28%	16%	21%	10%	16%
	Prefer not to say	11%	4%	2%	1%	2%	2%
	No	77%	68%	82%	78%	88%	81%
Ages 13-17	Yes	29%	30%	27%	34%	26%	27%
	Prefer not to say	11%	11%	8%	3%	3%	3%
	No	60%	60%	65%	63%	71%	70%
Girls	Yes	38%	32%	25%	31%	28%	31%
	Prefer not to say	10%	10%	9%	4%	2%	2%
	No	52%	58%	67%	65%	70%	67%
Boys	Yes	21%	27%	28%	34%	23%	24%
	Prefer not to say	13%	10%	6%	3%	3%	3%
	No	67%	63%	65%	64%	75%	73%
LGBTQ+	Yes	37%	36%	28%	43%	36%	30%
	Prefer not to say	16%	9%	11%	4%	4%	4%
	No	46%	55%	61%	52%	61%	66%
Non-LGBTQ+	Yes	19%	25%	20%	24%	18%	22%
	Prefer not to say	9%	5%	4%	2%	2%	2%
	No	71%	69%	75%	73%	80%	76%
African American	Yes	22%	28%	24%	29%	26%	21%
	Prefer not to say	10%	5%	2%	3%	1%	2%
	No	67%	66%	74%	68%	73%	77%
Hispanic or Latino/a/x	Yes	23%	29%	29%	32%	28%	21%
	Prefer not to say	15%	5%	7%	4%	3%	2%
	No	62%	66%	65%	64%	69%	77%
Other POC	Yes	28%*	29%	22%	23%	14%	25%
	Prefer not to say	12%*	11%	6%	4%	5%	5%
	No	60%*	60%	72%	73%	82%	70%
White	Yes	21%	26%	18%	26%	19%	23%
	Prefer not to say	8%	7%	6%	2%	2%	2%
	No	72%	66%	76%	72%	79%	75%

*Base size <100

Fig a-06 | **Rates of potentially harmful online experiences among minors, by year and demographics**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

	Potentially harmful online experience					Bullied/made uncomfortable online					...bullied me					...made me feel uncomfortable				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	48%	49%	58%	59%	58%	38%	39%	51%	52%	50%	24%	27%	37%	35%	36%	27%	28%	36%	41%	40%
Girls	50%	50%	56%	62%	56%	42%	41%	51%	56%	49%	27%	27%	36%	36%	33%	30%	30%	38%	48%	39%
Boys	43%	48%	58%	55%	60%	30%	37%	49%	46%	51%	21%	27%	39%	31%	38%	20%	24%	32%	33%	40%
Ages 9-12	47%	44%	55%	52%	57%	38%	36%	48%	48%	51%	28%	26%	41%	37%	40%	22%	22%	28%	33%	38%
Girls	46%	41%	50%	54%	51%	38%	32%	44%	49%	43%	29%	22%	35%	39%	34%	19%	20%	28%	39%	33%
Boys	48%	46%	59%	49%	63%	36%	38%	51%	45%	59%	26%	27%	46%	34%	47%	24%	22%	28%	29%	44%
Ages 13-17	49%	53%	60%	65%	60%	38%	42%	53%	55%	50%	22%	28%	34%	33%	33%	30%	32%	42%	46%	42%
Girls	54%	58%	61%	69%	60%	46%	48%	56%	62%	54%	24%	30%	36%	35%	33%	39%	39%	46%	55%	44%
Boys	40%	49%	57%	60%	58%	25%	37%	47%	47%	45%	16%	26%	33%	29%	31%	16%	25%	35%	36%	37%
LGBTQ+	57%	62%	73%	70%	70%	45%	54%	67%	65%	60%	29%	32%	45%	47%	49%	34%	45%	55%	56%	50%
Non-LGBTQ+	46%	46%	55%	57%	57%	37%	36%	47%	49%	49%	24%	26%	35%	32%	34%	25%	24%	33%	37%	39%
African American	58%	53%	51%	57%	54%	39%	39%	41%	46%	44%	27%	28%	24%	27%	27%	20%	25%	35%	35%	34%
Hispanic/Latino/a/x	48%	53%	60%	60%	56%	36%	40%	52%	50%	46%	24%	29%	40%	34%	31%	27%	28%	36%	40%	37%
Other POC	36%	43%	51%	59%	54%	29%	39%	49%	54%	47%	23%	25%	32%	38%	34%	24%	35%	39%	41%	37%
White	50%	48%	63%	62%	63%	41%	39%	54%	55%	56%	25%	26%	43%	37%	42%	29%	27%	37%	43%	45%

	Online sexual interaction					...asked me to send a nude photo or video					...asked me to go 'on cam' with a nude or sexually explicit stream					...shared a nude photo or video of themselves with me				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	33%	31%	33%	35%	35%	18%	16%	20%	23%	21%	12%	10%	13%	13%	15%	18%	14%	15%	14%	14%
Girls	34%	35%	32%	40%	32%	22%	20%	22%	28%	20%	14%	10%	14%	16%	14%	18%	16%	13%	15%	13%
Boys	29%	27%	32%	30%	36%	12%	11%	17%	18%	20%	9%	9%	13%	10%	15%	16%	11%	16%	13%	13%
Ages 9-12	27%	20%	22%	25%	27%	14%	10%	11%	14%	14%	8%	6%	10%	8%	10%	13%	9%	7%	9%	9%
Girls	26%	21%	20%	32%	22%	14%	10%	11%	20%	12%	10%	4%	9%	11%	10%	11%	11%	6%	9%	9%
Boys	27%	20%	24%	18%	33%	14%	10%	11%	8%	17%	6%	8%	12%	5%	11%	15%	7%	8%	8%	9%
Ages 13-17	37%	39%	41%	43%	40%	20%	21%	28%	31%	26%	15%	12%	15%	17%	19%	21%	17%	22%	19%	19%
Girls	41%	46%	41%	46%	40%	28%	28%	31%	34%	27%	16%	14%	17%	20%	17%	25%	20%	20%	21%	17%
Boys	31%	33%	39%	39%	38%	11%	13%	22%	26%	23%	12%	10%	14%	13%	18%	17%	14%	23%	17%	17%
LGBTQ+	42%	50%	52%	48%	54%	24%	27%	38%	35%	37%	19%	12%	19%	23%	22%	22%	27%	32%	27%	29%
Non-LGBTQ+	30%	26%	30%	33%	32%	16%	13%	17%	21%	19%	10%	9%	12%	11%	14%	17%	10%	13%	12%	12%
African American	37%	36%	35%	37%	32%	16%	19%	22%	21%	18%	12%	13%	19%	12%	13%	16%	13%	14%	14%	14%
Hispanic/Latino/a/x	33%	34%	36%	39%	31%	19%	15%	23%	25%	19%	12%	11%	15%	15%	9%	18%	18%	16%	17%	17%
Other POC	26%	32%	26%	31%	32%	14%	22%	21%	19%	18%	10%	8%	10%	11%	12%	17%	13%	14%	10%	13%
White	34%	28%	35%	36%	39%	20%	15%	21%	26%	23%	14%	8%	13%	13%	19%	18%	12%	17%	15%	15%

Fig a-06 | **Rates of potentially harmful online experiences among minors, by year and demographics**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

	...shared a nude photo or video of another kid with me					...sent me sexual messages				
	2020	**2021**	**2022**	**2023**	**2024**	**2020**	**2021**	**2022**	**2023**	**2024**
All Minors	10%	9%	9%	8%	9%	21%	17%	25%	26%	26%
Girls	10%	10%	7%	8%	7%	25%	19%	26%	31%	24%
Boys	10%	8%	12%	8%	10%	15%	13%	23%	20%	25%
Ages 9-12	9%	6%	7%	5%	6%	15%	8%	15%	18%	19%
Girls	9%	7%	4%	4%	4%	16%	8%	15%	25%	16%
Boys	9%	6%	10%	6%	9%	13%	9%	16%	11%	23%
Ages 13-17	12%	11%	10%	11%	11%	26%	23%	33%	32%	31%
Girls	11%	12%	8%	12%	9%	32%	29%	34%	35%	31%
Boys	11%	11%	13%	10%	11%	17%	17%	29%	28%	27%
LGBTQ+	17%	15%	10%	11%	14%	32%	32%	48%	36%	44%
Non-LGBTQ+	9%	8%	9%	8%	8%	18%	13%	21%	24%	23%
African American	11%	12%	9%	10%	10%	22%	19%	26%	27%	23%
Hispanic or Latino/a/x	11%	9%	7%	8%	7%	21%	16%	27%	28%	20%
Other POC	8%	9%	6%	5%	8%	18%	20%	20%	23%	25%
White	12%	8%	11%	10%	9%	22%	17%	27%	26%	30%

Fig a-07 | **Percentage of minors who have had an online sexual interaction with peers or adults, detailed**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

SOMEONE I BELIEVED WAS 18 OR OLDER…	Online sexual interaction					…asked me to send a nude photo or video					…asked me to go 'on cam' with a nude or sexually explicit stream				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	25%	22%	29%	28%	29%	12%	9%	17%	16%	16%	9%	6%	11%	9%	12%
Girls	26%	25%	28%	33%	27%	15%	11%	18%	21%	15%	10%	7%	12%	13%	11%
Boys	22%	19%	28%	22%	31%	7%	7%	14%	11%	16%	6%	5%	11%	5%	13%
Ages 9-12	19%	14%	19%	20%	24%	8%	4%	8%	9%	11%	5%	3%	9%	6%	9%
Girls	16%	15%	18%	27%	19%	7%	3%	9%	14%	8%	6%	3%	9%	9%	8%
Boys	21%	13%	20%	13%	30%	8%	4%	8%	5%	14%	3%	3%	10%	3%	11%
Ages 13-17	29%	29%	37%	35%	34%	15%	14%	23%	21%	20%	12%	9%	13%	11%	14%
Girls	34%	34%	36%	38%	34%	22%	16%	25%	26%	21%	13%	11%	15%	16%	14%
Boys	23%	24%	34%	30%	31%	7%	9%	19%	16%	17%	9%	7%	11%	7%	15%
LGBTQ+	32%	40%	45%	37%	46%	16%	17%	33%	23%	31%	15%	11%	16%	17%	16%
Non-LGBTQ+	22%	18%	26%	26%	27%	10%	7%	14%	14%	14%	7%	5%	11%	7%	12%
African American	25%	29%	33%	29%	28%	13%	13%	18%	16%	15%	9%	10%	18%	7%	10%
Hispanic or Latino/a/x	27%	26%	33%	31%	26%	14%	11%	19%	17%	14%	10%	8%	14%	11%	8%
Other POC	19%	24%	24%	22%	30%	9%	13%	18%	12%	15%	9%	4%	10%	5%	11%
White	27%	19%	29%	30%	32%	13%	8%	16%	18%	18%	9%	5%	10%	10%	15%

SOMEONE I BELIEVED WAS 18 OR OLDER…	…shared a nude photo or video of themselves with me					…shared a nude photo or video of another kid with me					…sent me sexual messages				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	12%	10%	11%	10%	10%	6%	5%	6%	5%	6%	16%	11%	20%	20%	19%
Girls	14%	12%	10%	11%	10%	6%	6%	4%	5%	4%	19%	12%	20%	26%	19%
Boys	9%	6%	12%	9%	10%	6%	4%	9%	4%	7%	11%	10%	18%	13%	18%
Ages 9-12	8%	6%	5%	7%	7%	5%	3%	6%	2%	5%	10%	4%	12%	14%	15%
Girls	7%	8%	4%	8%	6%	3%	4%	2%	1%	3%	10%	3%	11%	22%	12%
Boys	8%	5%	5%	6%	8%	6%	1%	9%	3%	7%	9%	6%	13%	6%	17%
Ages 13-17	15%	13%	17%	12%	13%	7%	7%	6%	7%	7%	20%	16%	26%	24%	23%
Girls	20%	16%	14%	14%	13%	8%	8%	5%	7%	6%	26%	18%	28%	29%	25%
Boys	9%	8%	18%	11%	12%	5%	6%	8%	6%	7%	12%	13%	22%	18%	19%
LGBTQ+	17%	22%	23%	16%	20%	10%	11%	5%	8%	11%	26%	23%	40%	28%	34%
Non-LGBTQ+	10%	7%	10%	9%	9%	5%	4%	6%	4%	5%	13%	8%	17%	18%	17%
African American	10%	10%	12%	10%	10%	5%	6%	5%	5%	6%	12%	15%	21%	20%	18%
Hispanic or Latino/a/x	14%	12%	14%	12%	11%	5%	5%	6%	4%	5%	18%	12%	24%	20%	16%
Other POC	10%	10%	12%	7%	11%	5%	5%	3%	3%	5%	16%	13%	19%	16%	21%
White	11%	9%	11%	10%	11%	7%	5%	8%	6%	7%	16%	10%	21%	21%	21%

Fig a-07 | **Percentage of minors who have had an online sexual interaction with peers or adults, detailed**

Q19B. Please indicate if you have ever experienced any of the following on a platform. Please select all that apply and remember that your answers are anonymous.

SOMEONE I BELIEVED WAS YOUNGER THAN 18…	Online sexual interaction					…asked me to send a nude photo or video					…asked me to go 'on cam' with a nude or sexually explicit stream				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	23%	22%	24%	28%	27%	11%	11%	14%	17%	15%	8%	5%	7%	9%	9%
Girls	24%	26%	23%	32%	25%	15%	14%	15%	21%	16%	9%	5%	7%	11%	8%
Boys	21%	19%	24%	24%	27%	7%	7%	12%	12%	14%	6%	5%	8%	6%	8%
Ages 9-12	19%	16%	15%	21%	17%	8%	7%	6%	10%	10%	6%	4%	5%	5%	5%
Girls	19%	16%	12%	26%	16%	10%	8%	4%	15%	10%	8%	3%	2%	8%	6%
Boys	19%	17%	18%	15%	20%	7%	6%	7%	5%	9%	3%	5%	7%	2%	3%
Ages 13-17	27%	27%	32%	35%	34%	14%	13%	20%	22%	19%	9%	6%	10%	12%	12%
Girls	28%	34%	33%	37%	34%	19%	18%	23%	26%	20%	9%	7%	10%	13%	10%
Boys	23%	21%	29%	32%	31%	6%	8%	15%	17%	17%	8%	6%	9%	9%	12%
LGBTQ+	30%	34%	43%	40%	45%	17%	17%	30%	28%	25%	9%	5%	13%	19%	13%
Non-LGBTQ+	22%	20%	21%	26%	24%	10%	9%	11%	14%	14%	7%	5%	7%	7%	8%
African American	24%	25%	25%	30%	25%	8%	9%	15%	15%	12%	6%	6%	8%	8%	8%
Hispanic or Latino/a/x	23%	24%	27%	32%	26%	11%	10%	16%	17%	14%	7%	4%	9%	9%	6%
Other POC	20%	27%	19%	22%	24%	11%	16%	16%	13%	11%	7%	5%	7%	9%	6%
White	25%	20%	27%	30%	29%	13%	10%	13%	19%	17%	9%	5%	8%	9%	11%

SOMEONE I BELIEVED WAS YOUNGER THAN 18…	…shared a nude photo or video of themselves with me					…shared a nude photo or video of another kid with me					…sent me sexual messages				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	10%	7%	10%	10%	9%	7%	6%	6%	6%	5%	13%	10%	17%	19%	18%
Girls	10%	7%	8%	9%	8%	7%	7%	5%	6%	5%	16%	13%	17%	23%	18%
Boys	10%	6%	11%	9%	9%	6%	6%	7%	6%	6%	9%	6%	15%	15%	17%
Ages 9-12	7%	4%	3%	5%	4%	5%	5%	3%	3%	3%	9%	5%	8%	14%	10%
Girls	6%	3%	2%	4%	5%	8%	4%	4%	2%	3%	10%	6%	8%	20%	8%
Boys	8%	4%	5%	4%	4%	3%	6%	3%	4%	3%	6%	4%	8%	8%	14%
Ages 13-17	13%	10%	14%	14%	13%	8%	7%	8%	8%	7%	17%	14%	23%	23%	24%
Girls	13%	10%	13%	13%	11%	7%	9%	7%	8%	7%	20%	19%	23%	26%	27%
Boys	12%	8%	15%	14%	12%	8%	6%	10%	8%	8%	11%	8%	20%	21%	19%
LGBTQ+	11%	12%	22%	20%	24%	10%	9%	8%	9%	8%	21%	19%	35%	28%	36%
Non-LGBTQ+	10%	6%	7%	8%	7%	6%	6%	6%	6%	5%	11%	8%	13%	17%	16%
African American	9%	6%	7%	9%	10%	7%	8%	6%	7%	8%	15%	8%	17%	20%	16%
Hispanic or Latino/a/x	9%	9%	10%	11%	12%	7%	5%	4%	6%	3%	15%	10%	17%	21%	14%
Other POC	11%	5%	11%	6%	8%	7%	6%	5%	5%	3%	9%	11%	15%	15%	17%
White	12%	7%	10%	10%	9%	7%	6%	8%	7%	6%	14%	11%	19%	19%	21%

Fig a-08 | **Online sexual interactions involving both peers and adults by platform, by year**

Q20. For each of the following platforms, please indicate if you have ever experienced any of the following.

░ Above Average

| | OF USERS WHO HAVE HAD | | | | | | | | | | | | | | | OF ALL MINORS WHO HAVE HAD | | | | | | | | | | |
| | An online sexual interaction | | | | | An online sexual interaction w/ someone they thought was 18 or older | | | | | An online sexual interaction | | | | | An online sexual interaction w/ someone they thought was 18 or older | | | | |
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Average	13%	14%	14%	15%	15%	8%	7%	9%	9%	10%	4%	4%	5%	5%	5%	2%	2%	3%	3%	4%
Among Us	6%	4%	6%	7%	11%	5%	2%	3%	3%	8%	3%	2%	3%	3%	5%	2%	1%	1%	2%	3%
BeReal	-	-	14%	17%	11%	-	-	9%	9%	8%	-	-	2%	2%	1%	-	-	1%	1%	1%
Call of Duty	11%	7%	9%	6%	7%	5%	3%	3%	4%	4%	5%	3%	5%	4%	5%	2%	1%	2%	3%	3%
Discord	14%	15%	17%	14%	19%	8%	8%	10%	7%	12%	5%	5%	8%	7%	10%	3%	3%	5%	3%	6%
Facebook	16%	20%	19%	17%	20%	10%	10%	13%	10%	15%	10%	12%	13%	12%	14%	6%	6%	9%	8%	10%
Fortnite	8%	7%	8%	7%	7%	5%	3%	4%	4%	4%	4%	4%	6%	5%	5%	2%	2%	3%	3%	3%
Google Hangouts/Google Meet	15%	16%	14%	13%	17%	9%	8%	9%	9%	11%	9%	8%	7%	6%	8%	5%	4%	4%	4%	5%
Grand Theft Auto	10%	6%	10%	8%	8%	5%	3%	5%	4%	5%	4%	3%	6%	5%	4%	2%	1%	3%	2%	3%
Instagram	22%	20%	18%	20%	20%	13%	11%	11%	12%	13%	16%	13%	13%	14%	13%	9%	7%	8%	8%	9%
Kik	23%	26%	24%	23%	20%	14%	11%	14%	14%	12%	3%	3%	5%	4%	3%	2%	1%	3%	3%	2%
Messenger	18%	20%	18%	19%	18%	10%	9%	13%	12%	12%	11%	12%	13%	13%	13%	6%	5%	9%	8%	9%
Minecraft	5%	5%	7%	7%	8%	3%	2%	3%	5%	5%	3%	3%	5%	5%	6%	2%	2%	3%	4%	4%
Pornography Sites	-	-	-	30%	38%	-	-	-	21%	28%	-	-	-	5%	5%	-	-	-	3%	4%
Reddit	7%	11%	14%	10%	14%	4%	7%	11%	6%	11%	2%	4%	6%	5%	6%	1%	2%	5%	3%	5%
Roblox	5%	5%	8%	8%	9%	2%	3%	5%	5%	7%	3%	3%	6%	6%	8%	1%	2%	3%	4%	5%
Snapchat	23%	22%	21%	23%	18%	15%	10%	14%	13%	12%	16%	14%	15%	16%	12%	10%	7%	10%	9%	8%
Telegram	21%	19%	28%	22%	24%	14%	10%	18%	12%	15%	2%	2%	5%	4%	5%	1%	1%	3%	2%	3%
TikTok	14%	13%	12%	14%	14%	7%	5%	8%	7%	10%	9%	9%	10%	11%	11%	5%	4%	6%	6%	8%
Tumblr	20%	23%	18%	16%	19%	12%	11%	9%	10%	12%	7%	7%	6%	5%	6%	4%	4%	3%	3%	4%
Twitch	9%	9%	12%	10%	15%	4%	5%	6%	6%	11%	3%	3%	6%	4%	8%	2%	2%	3%	3%	5%
WhatsApp	21%	20%	18%	18%	19%	11%	9%	9%	11%	13%	9%	8%	8%	8%	9%	5%	4%	4%	5%	6%
X (Twitter)	15%	19%	19%	15%	16%	8%	8%	13%	9%	11%	9%	10%	10%	8%	8%	5%	4%	7%	4%	5%
YouTube	9%	8%	8%	7%	8%	5%	3%	4%	4%	5%	9%	8%	7%	7%	7%	5%	3%	4%	4%	5%

Question was multiple select.

Fig a-09 | **Potentially harmful online experiences, by platform**

Q20. For each of the following platforms, please indicate if you have ever experienced any of the following // Q14B. How often do you use/check/play each of the following?

	Minors who have ever used each platform					Minors who have had a potentially harmful online experience					Minors who have had an online sexual interaction				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
Among Us	43%	43%	49%	50%	43%	8%	6%	11%	9%	9%	3%	2%	3%	3%	5%
BeReal	-	-	11%	14%	12%	-	-	3%	4%	3%	-	-	2%	2%	1%
Call of Duty	48%	52%	62%	64%	62%	9%	9%	15%	14%	15%	5%	3%	5%	4%	5%
Discord	34%	34%	46%	48%	51%	7%	10%	15%	17%	17%	5%	5%	8%	7%	10%
Facebook	62%	61%	67%	72%	69%	17%	21%	24%	30%	28%	10%	12%	13%	12%	14%
Fortnite	47%	57%	71%	73%	75%	8%	11%	16%	17%	17%	4%	4%	6%	5%	5%
Google Hangouts/Google Meet	64%	51%	49%	47%	49%	15%	14%	11%	12%	13%	9%	8%	7%	6%	8%
Grand Theft Auto	39%	44%	54%	63%	56%	6%	8%	11%	14%	12%	4%	3%	6%	5%	4%
Instagram	76%	66%	69%	69%	69%	26%	24%	24%	27%	24%	16%	13%	13%	14%	13%
Kik	14%	13%	19%	18%	17%	4%	4%	7%	8%	6%	3%	3%	5%	4%	3%
Messenger	62%	64%	68%	72%	71%	18%	22%	21%	28%	28%	11%	12%	13%	13%	13%
Minecraft	62%	71%	80%	78%	81%	10%	11%	14%	15%	17%	3%	3%	5%	5%	6%
Pornography Sites	-	-	-	16%	13%	-	-	-	6%	5%	-	-	-	5%	5%
Reddit	32%	34%	44%	44%	46%	4%	6%	11%	11%	11%	2%	4%	6%	5%	6%
Roblox	47%	59%	72%	80%	80%	9%	12%	18%	21%	22%	3%	3%	6%	6%	8%
Snapchat	71%	68%	68%	72%	69%	26%	23%	24%	30%	24%	16%	14%	15%	16%	12%
Telegram	11%	13%	20%	20%	20%	5%	4%	8%	7%	7%	2%	2%	5%	4%	5%
TikTok	69%	75%	82%	84%	77%	18%	19%	22%	24%	23%	9%	9%	10%	11%	11%
Tumblr	40%	34%	36%	31%	33%	11%	12%	11%	10%	10%	7%	7%	6%	5%	6%
Twitch	36%	33%	44%	45%	49%	6%	6%	11%	11%	12%	3%	3%	6%	4%	8%
WhatsApp	47%	44%	46%	43%	48%	15%	13%	13%	14%	16%	9%	8%	8%	8%	9%
X (Twitter)	59%	51%	52%	49%	48%	16%	17%	17%	14%	16%	9%	10%	10%	8%	8%
YouTube	97%	98%	98%	98%	98%	19%	17%	18%	19%	17%	9%	8%	7%	7%	7%

Question was multiple select. Percentages of those who had a potentially harmful online experience and those who had an online sexual interaction are among all participants, not users of each platform.

Fig a-11 | Experiences sharing SG-CSAM, by year

Q40X: Have you ever sent or shared a nude photo or video of yourself either directly with someone else or with your social media followers? Please remember that your answers are anonymous.

Numbers shown reflect the percentage of minors who reported they have shared their own nude imagery. *Base size <100

	2019	2020	2021	2022	2023	2024
All Minors	11%	17%	18%	14%	13%	11%
Girls	12%	14%	13%	11%	13%	12%
Boys	9%	19%	22%	16%	13%	10%
Ages 9-12	6%	14%	14%	6%	8%	5%
Girls	3%	11%	13%	6%	7%	6%
Boys	7%	18%	15%	7%	8%	5%
Ages 13-17	15%	19%	22%	20%	17%	15%
Girls	19%	17%	14%	16%	17%	17%
Boys	11%	20%	28%	22%	17%	14%
LGBTQ+	21%	32%	26%	24%	25%	21%
Non-LGBTQ+	8%	13%	16%	12%	11%	10%
African American	11%	14%	19%	14%	10%	12%
Hispanic or Latino/a/x	11%	20%	31%	14%	16%	9%
Other POC	12%*	8%	8%	16%	11%	9%
White	11%	19%	13%	14%	14%	12%

Fig a-12 | **Experiences sharing SG-CSAM in the past year, by year and demographics**

Among kids who have shared their own nudes

Q40XT. And have you sent or shared a nude photo or video of yourself either directly with someone else or with your social media followers in the past year? Please remember that your answers are anonymous.

	2021	2022	2023	2024
All Minors	68%	78%	69%	66%
Girls	58%*	67%*	78%*	74%*
Boys	75%	85%*	67%*	62%*
Ages 9-12	74%**	-	61%**	-
Ages 13-17	65%	77%	72%	65%
LGBTQ+	53%*	90%**	76%**	-
Non-LGBTQ+	74%	74%	66%	65%
African American	66%*	73%**	67%**	59%**
Hispanic or Latino/a/x	76%*	74%**	75%**	-
Other POC	-	-	-	-
White	65%*	81%*	70%*	68%*

Numbers shown reflect, among minors that have shared their own nudes, the percentage who reported they have shared their own nude imagery in the past year. Some data for minors aged 9-12, LGBTQ+, Hispanic or Latino/a/x, and Other POC is not featured because all related data had a base size of <25. *Base size <100, **Base size <50

Fig a-13 | **Perceptions of normalcy, by year**

Q40. How strongly do you agree with the following statement: "It's normal for people my age to share nudes with each other."

	2019	2020	2021	2022	2023	2024
All Minors	27%	28%	25%	24%	23%	19%
Girls	26%	27%	20%	18%	20%	17%
Boys	28%	30%	27%	29%	24%	20%
Ages 9-12	13%	21%	14%	14%	12%	9%
Girls	10%	16%	13%	7%	11%	8%
Boys	16%	26%	15%	21%	13%	11%
Ages 13-17	39%	34%	33%	32%	31%	26%
Girls	39%	37%	26%	28%	28%	24%
Boys	38%	32%	37%	35%	33%	26%
LGBTQ+	39%	34%	36%	41%	34%	30%
Non-LGBTQ+	25%	27%	22%	22%	20%	17%
African American	28%	28%	25%	25%	18%	20%
Hispanic or Latino/a/x	30%	31%	37%	28%	26%	18%
Other POC	21%*	23%	19%	20%	28%	11%
White	27%	28%	20%	24%	23%	21%

*Base size <100

Fig a-14 | **Sharing nudes with someone you know versus a stranger, by year**
Among minors who've shared their own nudes

Q44. And had you met the person or people you shared this nude photo/video with in real life before you shared it?

		2019	2020	2021	2022	2023	2024
All Minors	Had met the person(s) before	62%	50%	57%	48%	54%	56%
	Had met some of the person(s) but not all	27%	36%	30%	31%	29%	24%
	Had not met the person(s) before	10%	15%	13%	21%	17%	20%
Girls	Had met the person(s) before	65%*	50%*	61%*	44%*	60%*	60%*
	Had met some of the person(s) but not all	23%*	45%*	24%*	31%*	28%*	25%*
	Had not met the person(s) before	12%*	5%*	15%*	25%*	12%*	14%*
Boys	Had met the person(s) before	59%**	47%	54%	55%*	50%*	47%*
	Had met some of the person(s) but not all	33%**	31%	35%	27%*	32%*	24%*
	Had not met the person(s) before	8%**	22%	10%	19%*	19%*	29%*
Ages 9-12	Had met the person(s) before	-	42%*	50%**	-	48%**	-
	Had met some of the person(s) but not all	-	44%*	39%**	-	26%**	-
	Had not met the person(s) before	-	14%*	11%**	-	26%**	-
Ages 13-17	Had met the person(s) before	60%*	54%	60%	51%	56%	58%
	Had met some of the person(s) but not all	28%*	31%	26%	30%	30%	21%
	Had not met the person(s) before	11%*	15%	14%	18%	14%	21%
LGBTQ+	Had met the person(s) before	51%**	59%*	54%*	42%**	56%**	-
	Had met some of the person(s) but not all	42%**	28%*	21%*	30%**	24%**	-
	Had not met the person(s) before	7%**	13%*	25%*	28%**	20%**	-
Non-LGBTQ+	Had met the person(s) before	70%*	45%	58%	50%	54%	50%
	Had met some of the person(s) but not all	18%*	41%	34%	31%	30%	29%
	Had not met the person(s) before	12%*	13%	8%	19%	16%	21%
African American	Had met the person(s) before	78%**	40%**	55%*	40%**	56%**	64%**
	Had met some of the person(s) but not all	11%**	33%**	25%*	25%**	32%**	29%**
	Had not met the person(s) before	11%**	27%**	21%*	35%**	11%**	6%**
Hispanic or Latino/a/x	Had met the person(s) before	71%**	34%**	59%*	49%**	46%**	-
	Had met some of the person(s) but not all	15%**	49%**	34%*	19%**	36%**	-
	Had not met the person(s) before	14%**	17%**	7%*	33%**	18%**	-
Other POC	Had met the person(s) before	-	-	-	-	-	-
	Had met some of the person(s) but not all	-	-	-	-	-	-
	Had not met the person(s) before	-	-	-	-	-	-
White	Had met the person(s) before	51%*	58%	58%*	53%*	62%*	52%*
	Had met some of the person(s) but not all	40%*	30%	27%*	33%*	21%*	25%*
	Had not met the person(s) before	9%*	12%	15%*	14%*	16%*	23%*

Data for minors aged 9-12, LGBTQ+, Hispanic or Latino/a/x, and Other POC is not featured in select years because all related data had a base size of <25.
*Base size <100 **Base size <50

Fig a-15 | Perceived age of recipient, by year and demographics

Among minors who've shared their own nudes

Q46. Have you ever sent or shared nude photo(s)/video(s) of yourself with any of the following...? Please remember that your answers are anonymous.

	Someone aged 18 or older					Someone under the age of 18					Someone whose age you didn't know					Other				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	41%	42%	36%	34%	28%	57%	53%	66%	69%	67%	30%	24%	28%	26%	33%	4%	4%	4%	3%	3%
Girls	41%*	32%*	24%*	36%*	25%*	68%*	59%*	67%*	71%*	72%*	26%*	21%*	26%*	15%*	32%*	1%*	7%*	8%*	2%*	1%*
Boys	40%	48%	39%*	30%*	35%*	47%	46%	72%*	65%*	59%*	34%	27%	30%*	33%*	37%*	6%	2%	2%*	4%*	5%*
Ages 9-12	36%*	50%**	-	26%**	-	45%*	43%**	-	72%**	-	37%*	24%**	-	24%**	-	1%*	5%**	-	9%**	-
Ages 13-17	43%	38%	36%	37%	30%	63%	58%	64%	69%	67%	25%	24%	25%	26%	33%	6%	3%	5%	1%	2%
LGBTQ+	36%*	45%*	36%**	41%*	-	62%*	61%*	53%**	72%**	-	31%*	24%*	27%**	37%**	-	3%*	8%*	3%**	0%**	-
Non-LGBTQ+	45%	41%	36%	31%	28%	52%	49%	70%	67%	59%	30%	23%	28%	19%	33%	5%	2%	5%	4%	4%
African American	20%**	35%*	40%**	6%**	43%**	72%**	47%*	62%**	80%**	54%**	20%**	28%*	36%**	22%**	25%**	0%**	2%*	3%**	7%**	5%**
Hispanic/Latino/a/x	40%**	48%*	41%**	22%**	-	57%**	50%*	62%**	82%**	-	36%**	21%*	39%**	19%**	-	4%**	1%*	6%**	5%**	-
Other POC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
White	41%	41%*	29%*	41%*	26%*	52%	59%*	75%*	60%*	73%*	25%	23%*	23%*	28%*	31%*	5%	7%*	2%*	2%*	1%*

Question was multiple select. Answer choice "Other" was included as an option for minors who might feel uncomfortable disclosing their perception of the age of the person(s) with whom they have shared SG-CSAM. Data for minors aged 9-12, LGBTQ+, Hispanic or Latino/a/x, and Other POC is not featured because all related data had a base size of <25. *Base size <100, **Base size <50

Fig a-16 | Consequences of resharing someone else's nudes, by year

Among minors who've nonconsensually reshared

Q50A. After you reshared a nude photo or video of someone else without that person's knowledge online, which, if any, of the following happened?

	2019	2020	2021	2022	2023	2024
You regretted sending it	20%*	23%*	26%	18%	19%*	21%
You felt bad for the person in the photo or video	19%*	22%*	20%	17%	14%*	13%
Your friends thought it was funny	12%*	15%*	34%	17%	15%*	11%
You got in trouble at school	12%*	20%*	27%	11%	11%*	11%
Your friends got mad at you	15%*	19%*	28%	10%	10%*	9%
The person in the photo or video felt bad	15%*	22%*	20%	16%	12%*	9%
The person in the photo or video found out	13%*	18%*	34%	15%	10%*	8%
You got in trouble with your parents or caregivers	8%*	29%*	23%	18%	14%*	7%
You got in trouble with the police	8%*	12%*	21%	11%	7%*	7%
Nothing happened	32%*	17%*	9%	33%	41%*	24%

Question was multiple select. *Base size <100

Fig a-17 | **Percentage of minors who considered sharing a nude, but chose not to, by year**

Q41. Even though you have never shared a nude photo, have you ever considered doing so?

Numbers shown reflect percentage of minors who selected 'yes.'

	2019	2020	2021	2022	2023	2024
All Minors	11%	12%	10%	13%	15%	13%
Girls	11%	11%	11%	14%	13%	10%
Boys	11%	12%	9%	12%	15%	14%

Fig a-18 | **Experiences resharing SG-CSAM, by year**

Q50. Have you ever shared a nude photo or video of someone else without that person's knowledge online? Please remember that your answers are anonymous.

	2019	2020	2021	2022	2023	2024
Yes	9%	7%	9%	15%	7%	10%
Prefer not to say	7%	6%	2%	1%	1%	1%
No	84%	86%	89%	84%	92%	89%

Fig a-19 | **Experiences resharing SG-CSAM, by gender**

Q50. Have you ever shared a nude photo or video of someone else without that person's knowledge online? Please remember that your answers are anonymous.

Numbers shown reflect percentage of minors who selected 'yes.'

	2019	2020	2021	2022	2023	2024
All Minors	9%	7%	9%	15%	7%	10%
Girls	7%	6%	5%	11%	6%	10%
Boys	11%	9%	12%	19%	9%	9%

Fig a-20 | **Experiences having seen nonconsensually reshared SG-CSAM, by year and demographics**

Q49. Have you ever been shown or sent a nude photo or video of someone at your school or someone else your age in your community without that person's knowledge? Please remember that your answers are anonymous.

		2019	2020	2021	2022	2023	2024
All Minors	Yes	21%	25%	20%	23%	19%	17%
	Prefer not to say	9%	7%	5%	2%	2%	3%
	No	70%	68%	74%	75%	79%	80%
Ages 9-12	Yes	11%	17%	13%	15%	13%	10%
	Prefer not to say	9%	4%	3%	1%	1%	2%
	No	80%	79%	84%	84%	86%	88%
Girls	Yes	9%	17%	12%	12%	13%	7%
	Prefer not to say	8%	4%	4%	1%	1%	3%
	No	84%	79%	84%	86%	87%	90%
Boys	Yes	13%	18%	15%	18%	14%	13%
	Prefer not to say	9%	4%	1%	0%	2%	1%
	No	79%	79%	84%	82%	85%	86%
Ages 13-17	Yes	29%	31%	25%	29%	24%	22%
	Prefer not to say	9%	10%	8%	3%	2%	3%
	No	62%	60%	67%	68%	74%	75%
Girls	Yes	32%	30%	24%	30%	26%	21%
	Prefer not to say	7%	11%	9%	2%	1%	3%
	No	61%	59%	67%	68%	73%	76%
Boys	Yes	27%	31%	28%	30%	21%	22%
	Prefer not to say	12%	8%	6%	1%	2%	4%
	No	61%	61%	67%	69%	76%	74%
LGBTQ+	Yes	29%	28%	25%	28%	24%	28%
	Prefer not to say	12%	10%	11%	5%	2%	4%
	No	59%	62%	64%	67%	74%	69%
Non-LGBTQ+	Yes	20%	24%	19%	23%	18%	15%
	Prefer not to say	8%	5%	3%	1%	1%	2%
	No	73%	71%	78%	76%	81%	83%
African American	Yes	29%	21%	24%	25%	21%	18%
	Prefer not to say	7%	5%	3%	4%	2%	2%
	No	64%	74%	73%	71%	78%	80%
Hispanic or Latino/a/x	Yes	21%	27%	28%	24%	20%	13%
	Prefer not to say	12%	8%	6%	1%	1%	3%
	No	67%	65%	66%	75%	80%	84%
Other POC	Yes	20%*	24%	15%	18%	18%	17%
	Prefer not to say	12%*	11%	5%	5%	2%	2%
	No	68%*	65%	79%	77%	80%	81%
White	Yes	19%	24%	16%	23%	21%	18%
	Prefer not to say	7%	7%	6%	1%	2%	3%
	No	74%	69%	78%	76%	78%	79%

*Base size <100

Fig a-22 | **Percentage of minors who did not disclose their potentially harmful online experience, by year and demographics**

Q33. Earlier you indicated that you have experienced the following on a platform. For the scenarios you experienced, which of the following, if any, did you turn to for support?

	Among minors who have had a potentially harmful online experience					Among minors who have had an online sexual interaction				
	2020	**2021**	**2022**	**2023**	**2024**	**2020**	**2021**	**2022**	**2023**	**2024**
All Minors	24%	16%	19%	19%	22%	26%	14%	19%	18%	20%
Girls	26%	19%	19%	14%	20%	28%	17%	18%	13%	21%
Boys	18%	12%	18%	22%	23%	21%	9%	19%	23%	17%
Ages 9-12	12%	9%	10%	14%	18%	10%	7%*	7%*	11%*	10%*
Girls	15%*	12%*	9%*	11%*	17%*	13%**	15%**	10%**	10%**	14%**
Boys	9%	4%*	11%*	18%*	19%*	9%*	0%**	5%**	16%**	7%**
Ages 13-17	32%	21%	25%	21%	25%	34%	16%	24%	20%	26%
Girls	34%	23%	25%	16%	22%	36%	17%	21%	15%	24%
Boys	26%*	18%	24%	25%	26%	30%*	13%	26%	26%	24%
LGBTQ+	34%	31%	26%*	16%*	36%*	33%*	22%*	28%*	9%*	35%*
Non-LGBTQ+	19%	11%	17%	18%	19%	22%	9%	16%	19%	17%
African American	21%*	13%	16%	13%	15%	28%*	9%	16%*	11%	15%*
Hispanic or Latino/a/x	34%	22%	23%	21%	19%	36%*	16%	21%*	19%	23%*
Other POC	27%**	23%*	26%*	19%	24%	21%**	20%**	31%**	19%*	25%*
White	18%	14%	16%	18%	25%	21%	13%	17%	17%	21%

Numbers shown reflect the percentage of minors who selected "no one." *Base size <100, **Base size <50

Fig a-23 | **Reasons why minors did not disclose their potentially harmful online, by year**

Among minors who turned to 'no one' for support who have had…

Q34. Which of the following describe why you did not look for additional support following experiences you have had on a platform?

	….a potentially harmful online experience					….an online sexual interaction				
	2020	**2021**	**2022**	**2023**	**2024**	**2020**	**2021**	**2022**	**2023**	**2024**
You felt this was not a big deal	62%	51%*	52%	43%	46%	49%*	49%*	47%*	38%*	40%*
You felt embarrassed and worried of being judged	23%	26%*	35%	35%	27%	17%*	28%*	35%*	38%*	29%*
You worried about being in trouble with your family	19%	21%*	16%	13%	23%	26%*	33%*	21%*	16%*	26%*
You worried your report would not be anonymous	24%	10%*	13%	8%	19%	23%*	12%*	16%*	4%*	15%*
You worried about not being allowed to use a platform	15%	12%*	16%	11%	16%	19%*	12%*	14%*	12%*	12%*
You worried about getting bullied at school	5%	2%*	10%	4%	14%	2%*	2%*	12%*	4%*	19%*
You felt like you were to blame or partly to blame for the situation	15%	16%*	17%	10%	13%	12%*	24%*	17%*	11%*	18%*
You worried about police or law enforcement getting involved	15%	12%*	16%	7%	12%	19%*	17%*	20%*	3%*	18%*
You worried about losing friends	8%	7%*	7%	6%	12%	9%*	7%*	9%*	7%*	12%*
You worried about being in trouble with your school	5%	2%*	10%	3%	8%	6%*	4%*	12%*	5%*	14%*

Question was multiple select. *Base size <100

Fig a-24 | **What makes minors more likely to use online reporting tools, by year**

Q30. Regardless of the specific situation, if another user on a platform did something that made you feel uncomfortable or unsafe, would knowing the following make you more or less likely to report them to the platform?

Numbers shown reflect net percentage of minors who selected "much more likely" or "somewhat more likely."

	2020	2021	2022	2023	2024
Report would be anonymous	68%	75%	78%	77%	75%
Report would be evaluated and responded to by a real human being who works for the platform	68%	71%	69%	71%	67%
Believe the person is lying about who they are or their identity in some way	61%	67%	67%	68%	67%
Only know the person online	61%	61%	66%	62%	64%
Report would go to an independent organization for review	55%	54%	54%	56%	55%
Know the person offline/in real life	40%	42%	42%	40%	38%
Report would be evaluated and responded to by an artificial intelligence program or bot	39%	40%	38%	40%	37%
Possibility of being kicked off of the platform in response	34%	37%	34%	33%	33%
The reported user would know you were the one who reported them	37%	34%	34%	33%	32%

Fig a-25 | **What makes minors more likely to use online reporting tools, by demographics**

Q30. Regardless of the specific situation, if another user on a platform did something that made you feel uncomfortable or unsafe, would knowing the following make you more or less likely to report them to the platform?

	Report would be anonymous					Report would be evaluated and responded to by a real human being who works for the platform					Believe the person is lying about who they are or their identity in some way				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	68%	75%	78%	77%	75%	68%	71%	69%	71%	67%	61%	67%	67%	68%	67%
Girls	74%	74%	79%	79%	76%	70%	72%	70%	74%	67%	62%	68%	68%	71%	69%
Boys	63%	77%	77%	74%	73%	66%	70%	69%	68%	67%	60%	65%	67%	66%	66%
Ages 9–12	70%	79%	79%	80%	73%	68%	72%	71%	73%	68%	61%	71%	69%	70%	69%
Girls	76%	77%	77%	82%	74%	74%	74%	74%	77%	69%	59%	71%	70%	76%	72%
Boys	65%	83%	79%	77%	71%	64%	71%	70%	67%	66%	64%	71%	69%	63%	65%
Ages 13–17	67%	72%	77%	75%	76%	67%	71%	68%	70%	66%	60%	63%	66%	67%	66%
Girls	72%	71%	81%	76%	77%	67%	71%	66%	70%	64%	64%	66%	67%	67%	67%
Boys	62%	71%	75%	72%	74%	68%	69%	69%	69%	67%	58%	61%	65%	68%	67%
LGBTQ+	70%	68%	82%	78%	82%	66%	71%	71%	69%	63%	60%	62%	75%	61%	67%
Non-LGBTQ+	69%	77%	78%	77%	74%	68%	72%	69%	72%	67%	62%	68%	67%	70%	68%
African American	65%	72%	72%	75%	71%	66%	71%	71%	72%	66%	54%	67%	64%	65%	64%
Hispanic or Latino/a/x	60%	74%	75%	79%	70%	63%	74%	64%	70%	67%	61%	68%	70%	67%	66%
Other POC	71%	76%	81%	81%	74%	66%	74%	72%	74%	62%	51%	64%	69%	72%	59%
White	73%	76%	80%	76%	78%	71%	70%	72%	70%	69%	65%	67%	67%	68%	72%

	Only know the person online					Report would go to an independent organization for review					Know the person offline/in real life				
	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024	2020	2021	2022	2023	2024
All Minors	61%	61%	66%	62%	64%	55%	54%	54%	56%	55%	40%	42%	42%	40%	38%
Girls	65%	61%	65%	66%	63%	54%	51%	54%	57%	55%	37%	40%	38%	44%	39%
Boys	58%	62%	67%	61%	65%	56%	55%	55%	55%	54%	44%	44%	46%	37%	38%
Ages 9–12	67%	63%	67%	66%	62%	60%	57%	56%	55%	58%	48%	48%	40%	40%	46%
Girls	70%	65%	64%	71%	59%	58%	56%	56%	58%	56%	43%	48%	34%	43%	42%
Boys	66%	61%	69%	60%	66%	63%	59%	57%	52%	59%	53%	47%	45%	36%	49%
Ages 13–17	57%	60%	65%	60%	65%	50%	51%	53%	56%	53%	34%	38%	43%	40%	33%
Girls	61%	58%	65%	61%	66%	50%	48%	53%	56%	53%	32%	34%	41%	44%	37%
Boys	52%	62%	65%	61%	64%	50%	53%	54%	57%	51%	37%	42%	46%	38%	31%
LGBTQ+	66%	60%	73%	59%	72%	62%	47%	53%	49%	58%	38%	38%	36%	37%	34%
Non-LGBTQ+	61%	62%	66%	64%	63%	53%	56%	55%	58%	55%	41%	44%	43%	42%	39%
African American	63%	61%	61%	59%	59%	52%	51%	54%	53%	55%	45%	49%	43%	47%	42%
Hispanic or Latino/a/x	57%	61%	65%	62%	63%	57%	64%	54%	56%	55%	41%	53%	43%	41%	41%
Other POC	62%	58%	60%	68%	61%	54%	48%	52%	51%	50%	37%	35%	37%	33%	32%
White	63%	62%	69%	61%	67%	53%	51%	55%	56%	56%	39%	38%	41%	41%	38%

Numbers reflect net percentage of minors who selected "much more likely" or "somewhat more likely."

Fig a-25 | **What makes minors more likely to use online reporting tools, by demographics**

Q30. Regardless of the specific situation, if another user on a platform did something that made you feel uncomfortable or unsafe, would knowing the following make you more or less likely to report them to the platform?

	Report would be evaluated and responded to by an artificial intelligence program or bot					Possibility of being kicked off of the platform in response					The reported user would know you were the one who reported them				
	2020	**2021**	**2022**	**2023**	**2024**	**2020**	**2021**	**2022**	**2023**	**2024**	**2020**	**2021**	**2022**	**2023**	**2024**
All Minors	39%	40%	38%	40%	37%	34%	37%	34%	33%	33%	37%	34%	34%	33%	32%
Girls	34%	38%	35%	41%	37%	29%	36%	28%	34%	31%	26%	32%	30%	32%	29%
Boys	45%	42%	42%	39%	39%	40%	38%	40%	33%	34%	48%	38%	38%	34%	35%
Ages 9-12	46%	42%	37%	40%	42%	40%	41%	34%	32%	37%	41%	38%	34%	31%	37%
Girls	40%	43%	30%	43%	39%	34%	43%	30%	30%	33%	31%	36%	28%	31%	28%
Boys	52%	42%	44%	35%	47%	46%	40%	37%	32%	42%	53%	41%	39%	31%	46%
Ages 13-17	34%	38%	39%	40%	33%	29%	33%	35%	34%	29%	33%	31%	34%	34%	28%
Girls	30%	33%	38%	39%	35%	24%	31%	27%	37%	31%	22%	29%	31%	33%	30%
Boys	39%	42%	40%	43%	33%	34%	36%	43%	34%	29%	43%	35%	38%	36%	27%
LGBTQ+	39%	33%	42%	33%	33%	35%	34%	35%	30%	24%	35%	31%	33%	25%	22%
Non-LGBTQ+	40%	42%	38%	42%	37%	34%	38%	35%	35%	34%	37%	36%	35%	35%	34%
African American	44%	46%	40%	42%	40%	40%	42%	36%	38%	35%	37%	42%	38%	38%	35%
Hispanic or Latino/a/x	39%	50%	40%	40%	39%	33%	45%	39%	37%	37%	36%	45%	39%	35%	38%
Other POC	40%	31%	34%	34%	31%	36%	29%	27%	32%	37%	32%	23%	21%	29%	32%
White	38%	35%	38%	40%	36%	33%	33%	33%	30%	28%	37%	30%	35%	32%	28%

Numbers reflect net percentage of minors who selected "much more likely" or "somewhat more likely."

Fig a-26 | **Desired platform resources and actions as expressed by minors, by demographics**

Q32. Thinking about the platforms you use, would you want them to provide you with any of the following when you use the platform? Please select all that apply.

	Information on how to block people			Information on how to report people			Information on how to protect yourself online from uncomfortable or risky sexual experiences			Tutorial videos on how to report or block someone			Pop-up messages that check in on how safe you feel on their platform			Support or counseling if you've had a bad experience on their platform			None of the above		
	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024	2022	2023	2024
All Minors	54%	51%	53%	53%	52%	52%	49%	45%	46%	40%	35%	36%	39%	39%	34%	31%	30%	27%	17%	21%	21%
Girls	57%	55%	57%	59%	56%	54%	50%	51%	47%	44%	36%	38%	39%	44%	35%	30%	33%	26%	15%	18%	21%
Boys	53%	49%	50%	46%	50%	50%	48%	41%	45%	38%	35%	34%	41%	33%	34%	31%	27%	28%	18%	24%	21%
Ages 9-12	58%	57%	56%	52%	56%	53%	52%	45%	47%	48%	40%	39%	44%	41%	36%	33%	31%	29%	16%	19%	22%
Girls	61%	62%	64%	63%	59%	55%	52%	52%	47%	54%	43%	43%	43%	44%	36%	32%	33%	26%	13%	17%	21%
Boys	55%	53%	47%	41%	53%	50%	51%	39%	46%	41%	36%	33%	44%	36%	35%	33%	29%	33%	19%	22%	24%
Ages 13-17	52%	47%	51%	54%	50%	52%	47%	45%	45%	35%	32%	34%	36%	37%	32%	28%	29%	25%	17%	22%	21%
Girls	53%	49%	51%	56%	54%	54%	48%	50%	47%	37%	30%	34%	36%	45%	34%	29%	32%	26%	17%	18%	20%
Boys	52%	46%	52%	50%	47%	51%	45%	43%	44%	36%	34%	34%	38%	30%	33%	29%	26%	25%	17%	26%	20%
LGBTQ+	51%	48%	54%	55%	45%	57%	55%	40%	47%	36%	30%	35%	36%	41%	36%	41%	30%	37%	16%	24%	20%
Non-LGBTQ+	55%	52%	54%	52%	53%	52%	48%	46%	46%	41%	36%	36%	39%	38%	34%	28%	30%	25%	17%	20%	21%
African American	50%	47%	51%	50%	48%	48%	49%	51%	42%	39%	35%	33%	37%	42%	34%	34%	35%	28%	18%	23%	22%
Hispanic/Latino/a/x	54%	50%	45%	47%	51%	46%	51%	48%	51%	43%	41%	33%	39%	40%	36%	32%	31%	35%	17%	19%	19%
Other POC	57%	55%	59%	57%	48%	58%	50%	52%	43%	42%	31%	36%	37%	43%	33%	32%	34%	27%	16%	16%	25%
White	56%	53%	57%	56%	55%	56%	49%	40%	47%	40%	33%	38%	41%	37%	34%	29%	28%	25%	17%	22%	20%

Question was multiple select.

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