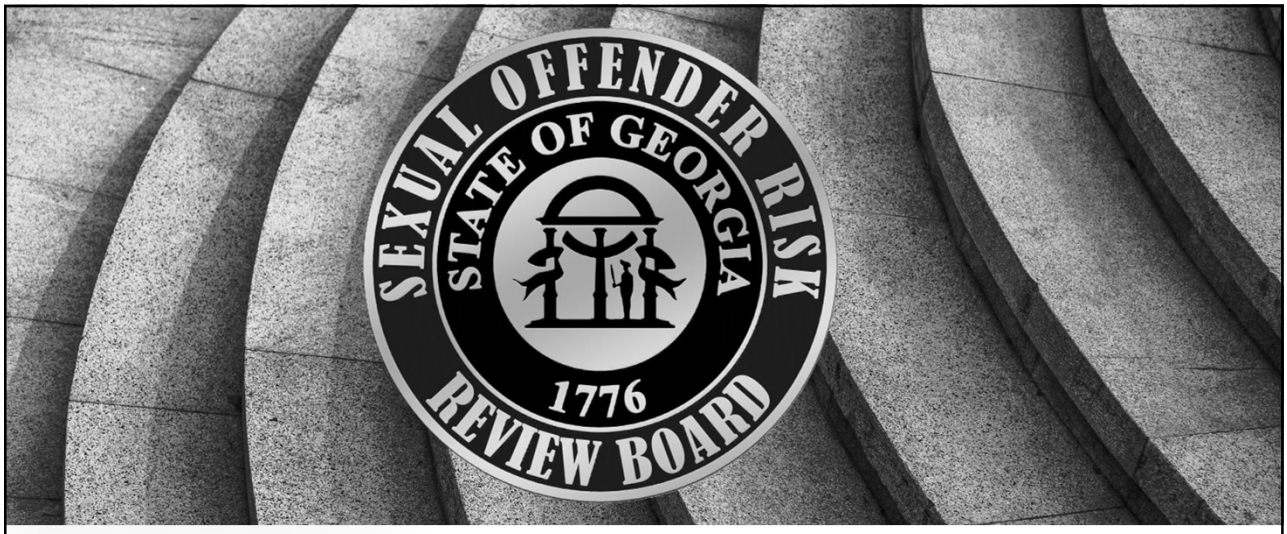


Screen to Session: Addressing Gaming and Anime Subcultures with Individuals Who Have Sexually Offended

Sexual Offender Risk Review Board – November 17, 2026, Safer Society

1


Elizabeth Bigham


Christian Alvord


Tracy Alvord


Markus Wiegel

Perspectives

2

Important Notice to Attendees

⚠️ **Content Warning**

Before we begin, please be aware that the following presentation includes discussions of sensitive topics and visual depictions of nudity. This content is intended strictly for educational and professional discussion. We understand this content may be uncomfortable or triggering for some individuals. If you feel uncomfortable at any point, please feel free to step out of the room or look away.

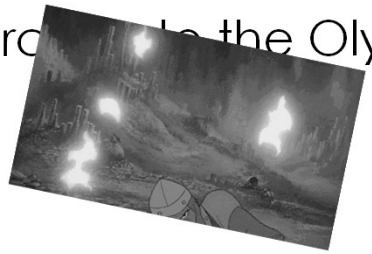
3

Learning Goals

- Describe unique aspects of video games and gaming/streaming communities that may increase the risk of sexual offending
- Explain how grooming through video games and gaming-focused social media platforms is similar to, and differs from, general online grooming techniques
- Identify how online sexual exploitation of children is detected on social media platforms (e.g., Discord) and describe investigative methods used to identify individuals who use gaming and social media environments to exploit vulnerable populations

4

From Arc[illegible] to the Olympics











5

- In a survey of 10- to 17-year-olds, 56% of child abuse incidents occurred on social networking sites, and 6% occurred in video game chat rooms or gaming websites. (UNICEF, 2019)
- Grooming increased by 70% from 2017-2018 to 2020-2021 (UNICRI report on gaming, 2022)
- Zhou & Peterson (2025) found that 57% of adult women reported experiencing one or more types of sexual harassment during online gaming

Table 2. Types of Sexual Harassment ($N = 182$).

Experienced sexual harassment	*N* (%)
Made comments about my body/ appearance after I asked them to stop.	65 (35.7)
Continued to make sexual requests after I asked them to stop.	58 (31.9)
Sent me sexually explicit images without my permission.	22 (12.1)
Made highly sexual remarks to or about me after I asked them to stop.	68 (37.4)
Repeatedly expressed sexual/ romantic feelings after I indicated I was not interested.	67 (36.8)
Made a rape joke at my expense or threatened to rape me.	49 (26.9)

6

CSEM on Discord

Between March 2025 and March 2026, Discord:

- Disabled 861,627 accounts for CSEM
- Filed 518,399 CyberTips with NCMEC
  - including 339,617 reports involving photo or video content.

(Discord, 2026)

7

Rapelay

- *RapeLay* is played from the perspective of a recidivist sex offender who has a history of previous arrests.
- In the game, the player stalks and subsequently rapes a widowed 42-year-old mother and her two daughters (age 17 and 12).
- After the player finishes raping all three, Free Play mode is unlocked, where the player can engage in sex with the same three individuals in a variety of selectable stages.

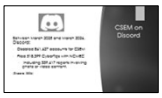


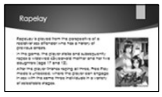
8

New Possibilities Bring New Challenges

- Online multi-player games provide another way for individuals who sexually abuse to access and groom potential victims
- Gaming-related social media platforms, some with with few guardrails, provide a means for disseminating Child Sexual Exploitation Materials (CSEM)
- Videogames with sexual content that are very similar to pornography, with some promoting sexual violence







9

Who is Playing Video Games?

- According to the Entertainment Software Association (2026):

YouGov conducted a 20-minute online survey in the U.S. from February 11-25, 2026 among 13,545 total respondents recruited from their proprietary online panel.

n=9,932 Gamers (including n=1,961 Kids/Teens, n=7,971 Adults) who spend at least 1 hour/week playing video games on a smartphone, tablet, PC, console, or VR headset

n=3,613 Non-Gamers (Adults) who either don't play video games, or spend less than 1 hour/week playing



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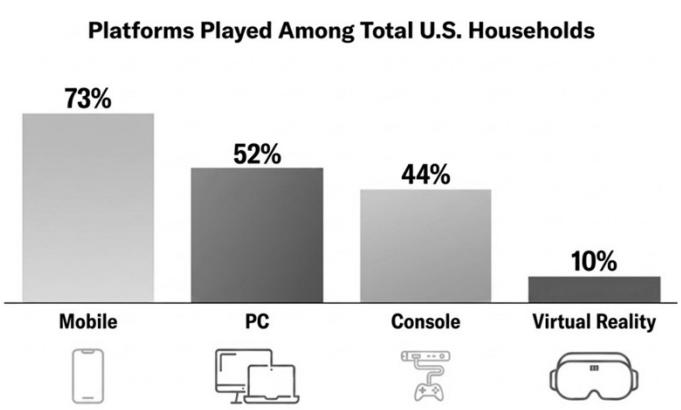
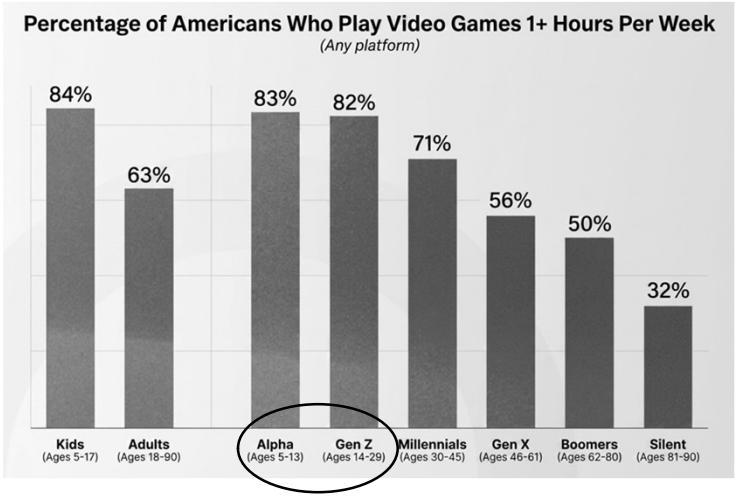
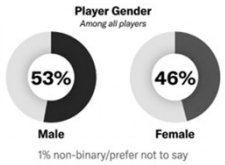


Who is Playing Video Games?

11



Who is Playing Video Games?



Among US teens, 61% of boys vs. 22% of girls play video games daily (Gottfried& Sidoti, 2024)

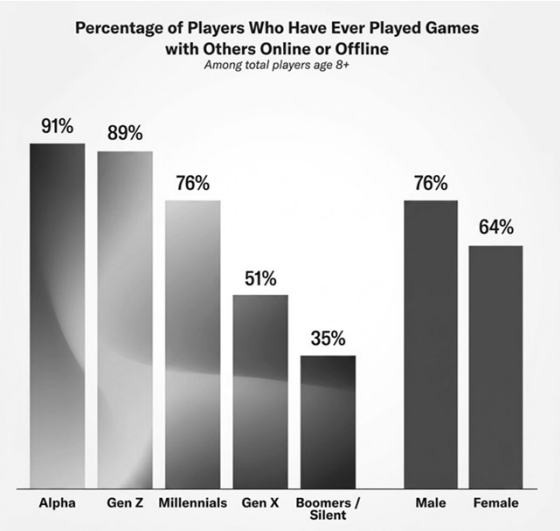
12

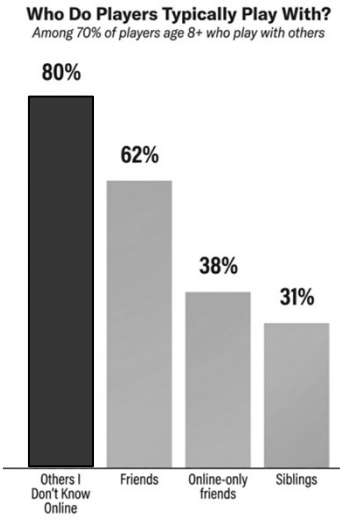
New Possibilities Bring New Challenges

- Child and adolescent players are more vulnerable because they are multi-tasking and because they think they already have something in common with the other players.
  - The online disinhibition effect (Suler, 2004): the anonymity, lack of verbal cues, and lack of legitimate authority in video game environments lessen the restraints of social norms, making players feel more comfortable to act in an abusive manner (Fox & Tang, 2017)
- The use of avatars can obscure the age and gender of the person with whom the child is interacting.
  - VTubing (Virtual YouTubing): Streaming while using an interactive 2D or 3D animated avatar (often anime inspired) that mimics streamers' real expressions and reactions through facial tracking software.

13

Who is Playing Video Games?



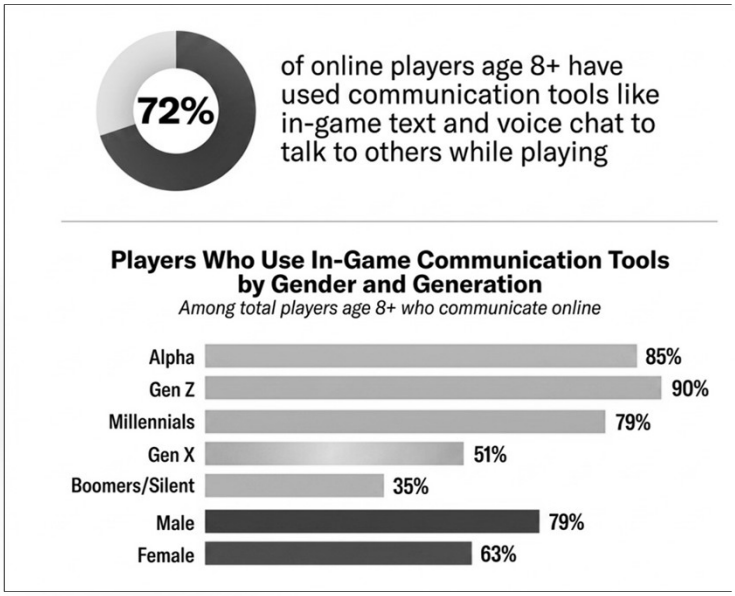


14

New Possibilities Bring New Challenges

- Children are more vulnerable because they are multi-tasking and because they think already have something in common with person they are interacting with.
- The use of avatars can obscure the age and gender of the person with whom the child is interacting.
- Real-time communication through voice chat or proximity chat which allows players to interact in localized areas where their conversations may not be overheard by others (Merry & Whitfield, 2024).

15



Who is Playing Video Games?

- Among the 41% of US adults who have personally experienced online harassment, 15% reported their most recent experience involved being sexually harassed while online gaming. (Vogels, 2021)

16

New Possibilities Bring New Challenges

- Children are more vulnerable because they are multi-tasking and because they think already have something in common with person they are interacting with
- The use of avatars can obscure the age and gender of the person with whom the child is interacting.
- Real-time communication through voice chat or proximity chat which allows players to interact in localized areas where their conversations may not be overheard by others.
- The exchange of virtual in-game gifts can also serve as tools for establishing trust and grooming both children and adolescents.

(National Society for the Prevention of Cruelty to Children, 2023)

17

From cosmetic items to downloadable content, players increasingly embrace in-game purchases as a way to personalize and enhance their playing experience.

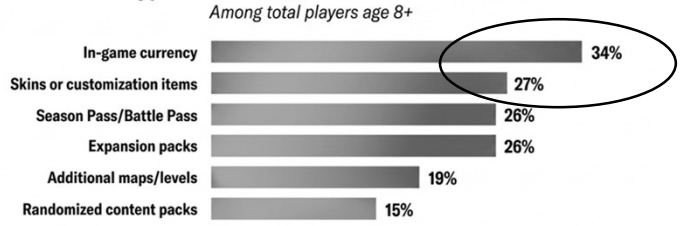


of players age 8+ have ever purchased in-game content

Alpha	69%
Gen Z	78%
Millennials	67%
Gen X	41%
Boomers/Silent	22%
Male	65%
Female	50%

Types of In-Game Content Purchased

Among total players age 8+



Who is Playing Video Games?

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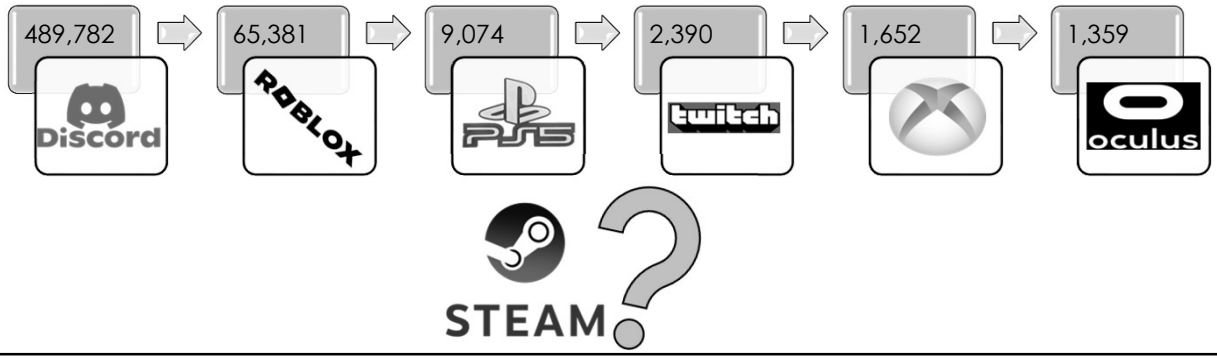
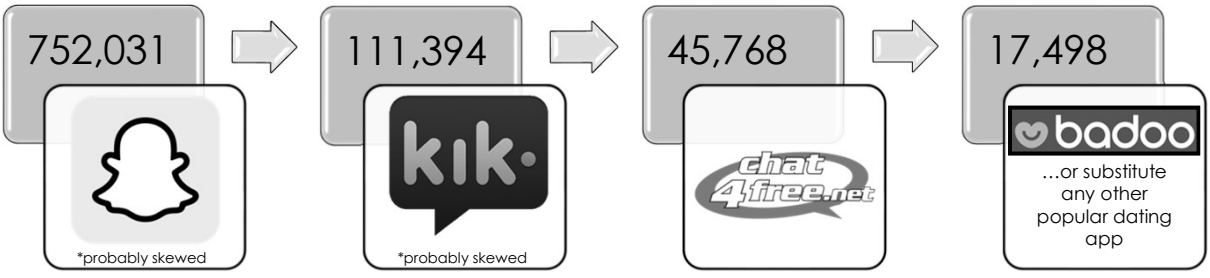
- **21.1 million Cybertip reports were submitted by Electronic Service Providers in 2025**
  - What's the breakdown for the "big" gaming platforms?



20



- **The platforms that children are being moved to for sextortion purposes**
  - Easier to chat on
  - Perhaps not as heavily monitored



21

bark 2025 Annual Report

- **Parental controls**
  - Web filtering
  - Screen time control
  - Location tracking
  - Content monitoring





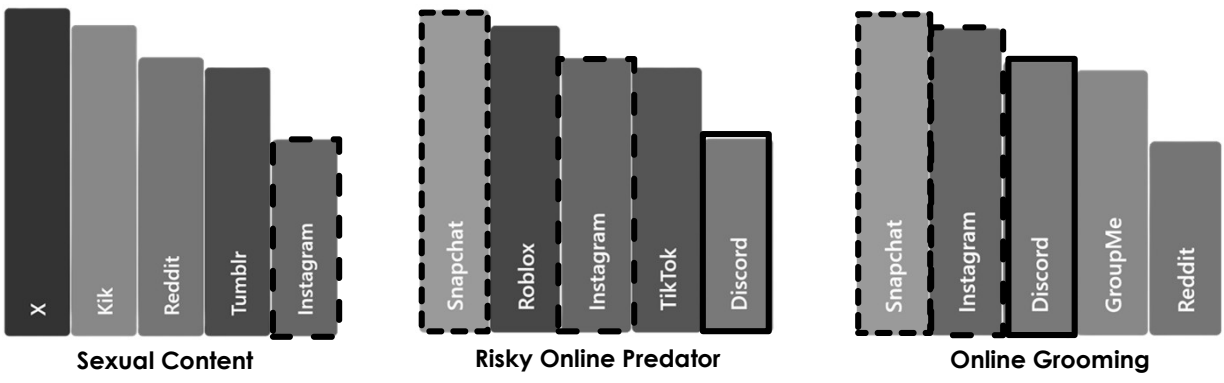
https://www.bark.us/

- Analyzed more than 11 billion online activities across 30+ apps and social media platforms
  - "Activities" included text messages, emails, social media posts, DM's, chats, etc.

22

bark 2025 Annual Report

- Highest volume of:
  - Flagged conversations



23

WHAT'S THE ISSUE

Modern games are not just entertainment; they are **communication platforms**. Fortnite, Roblox, Minecraft, Call of Duty, Destiny, VRChat — all of these include:

- Real-time voice chat
- Private messaging
- Friend requests
- User-generated content
- Player-run groups, clans, guilds
- Matchmaking that pairs adults with minors

This makes them structurally similar to **Discord, Instagram, or TikTok**, but with far less oversight.

24

Discord

DEMO

25



≡ MENU

Search...

MOST WANTED NEWS WHAT WE INVESTIGATE HOW WE CAN HELP YOU SUBMIT A TIP ABOUT

February 19, 2026

Open Letter to Parents, Guardians, and Caregivers

Dear Parents and Guardians,

Our commitment to community safety starts with keeping you informed, especially when it comes to the safety and security of our children.

The FBI is extremely concerned about a sharp increase in the activity of "764" and other violent online networks targeting and exploiting children and other vulnerable individuals across the United States and here in New England. While these networks are often referred to as "764," there are many other offshoot networks and names.

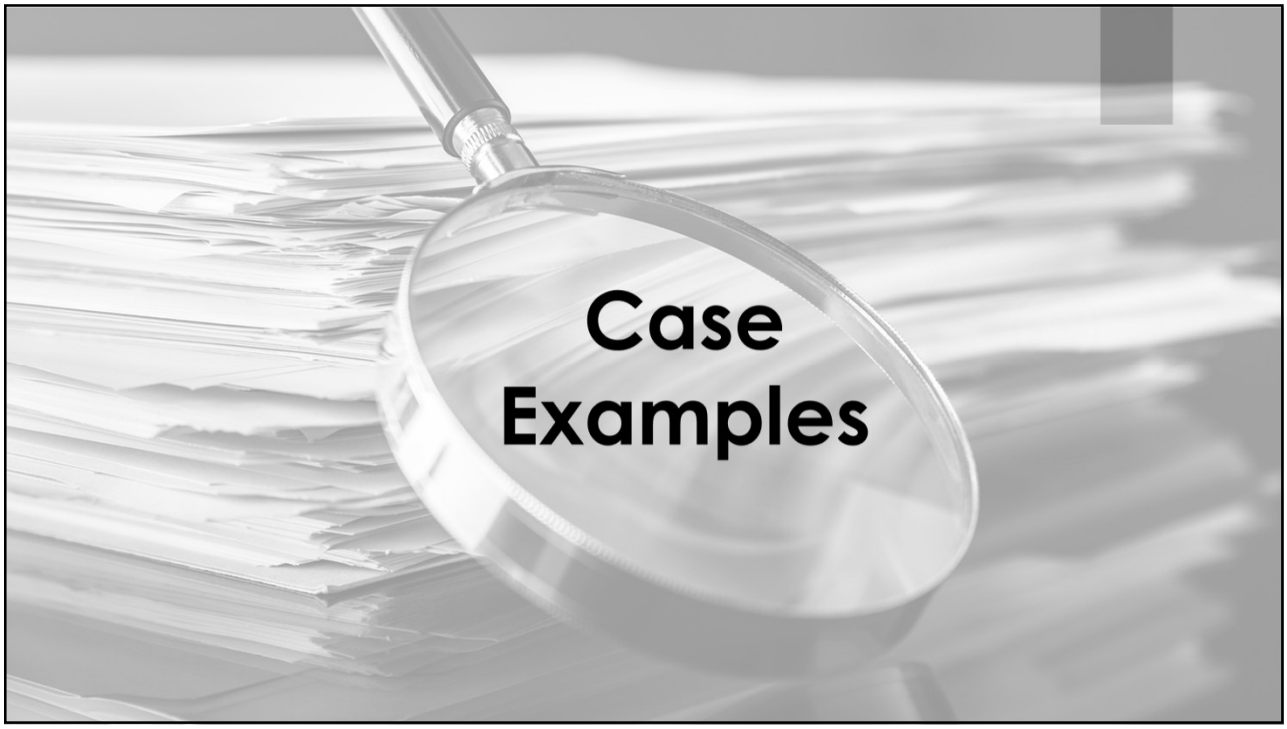
Members of these networks connect with children and other at-risk individuals online through mobile messaging apps, social media and gaming platfornls, then manipulate or coerce them into producing and sharing graphic content, child sexual abuse material (CSAM), or engaging in acts of animal cruelty, self-harm, or violence. Some of these predators even watch live-streamed self- haml and other violent content and circulate it to continue to extort their victims and exert control. It's a tactic known as Sadistic Online Exploitation. Here in FBI Boston's area of responsibility, there have been instances where members of these networks have also utilized doxing and swatting as an intimidation tactic to coerce victims into performing increasingly degrading and violent acts.

The term Nihilistic Violent Extremism (NVE) refers to what is motivating most of these subjects to commit criminal acts. They want to sow chaos and facilitate the destruction of society. However, not all participants in these violent online networks are motivated by NVE. These subjects may be engaging in criminal activity for sexual gratification, social status, a sense of belonging, or for a mix of other reasons. Each case is evaluated individually to detemline if Nihilistic Violent Extremism is involved. Regardless of motivation, the FBI takes each case seriously and works with its law enforcement partners, both domestic and foreign, to ensure offenders are held accountable.

The FBI is detemlined to identify and stop these criminal networks. Right now, we are investigating over 350 subjects nationwide who are tied to these violent online networks, and all 56 FBI iield offices across the country are involved in these investigations.

While many of the victims are young females, any child can be at risk. The perpetrators themselves are often males under the age of 25 and come from all walks of life. They often groom victims by first establishing a trusting or romantic relationship before eventually manipulating and coercing them into engaging in escalating hamlful behavior designed to shame and isolate them.

27



28

ACCESS TO MINORS

Even offenders who are legally barred from contacting minors can easily:

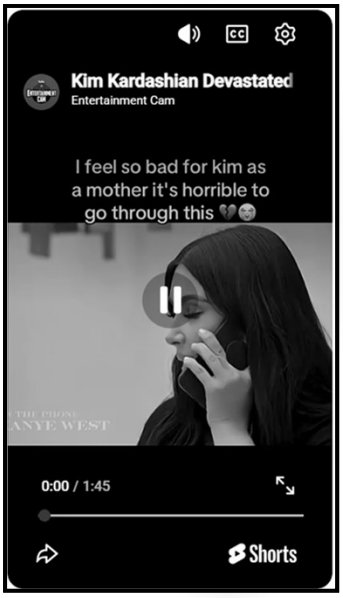
- Join public lobbies with children
- Use voice chat to build rapport
- Send private messages
- Add minors as friends
- Follow them across games/platforms
- Move conversations to less monitored apps (Discord, Snapchat, etc.)

Games with **avatars** and **role-play** elements (Roblox, VRChat, Rec Room) are especially risky because they blur age cues and encourage intimate or private interactions.

42

Kim's Sex Tape & Roblox





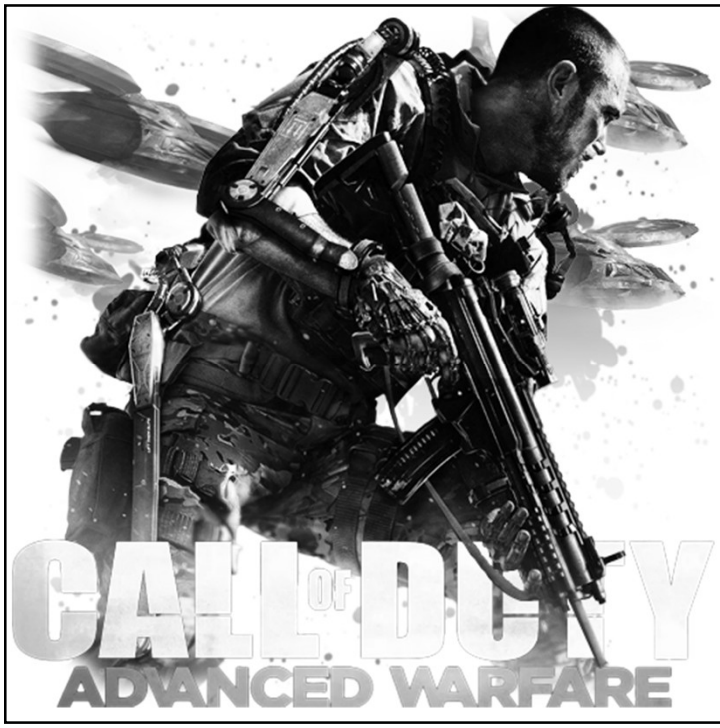
43

STEAM

DEMO

Steam has 132 million monthly active users and 69 million daily active users, with a peak of over 42 million concurrent users.

44



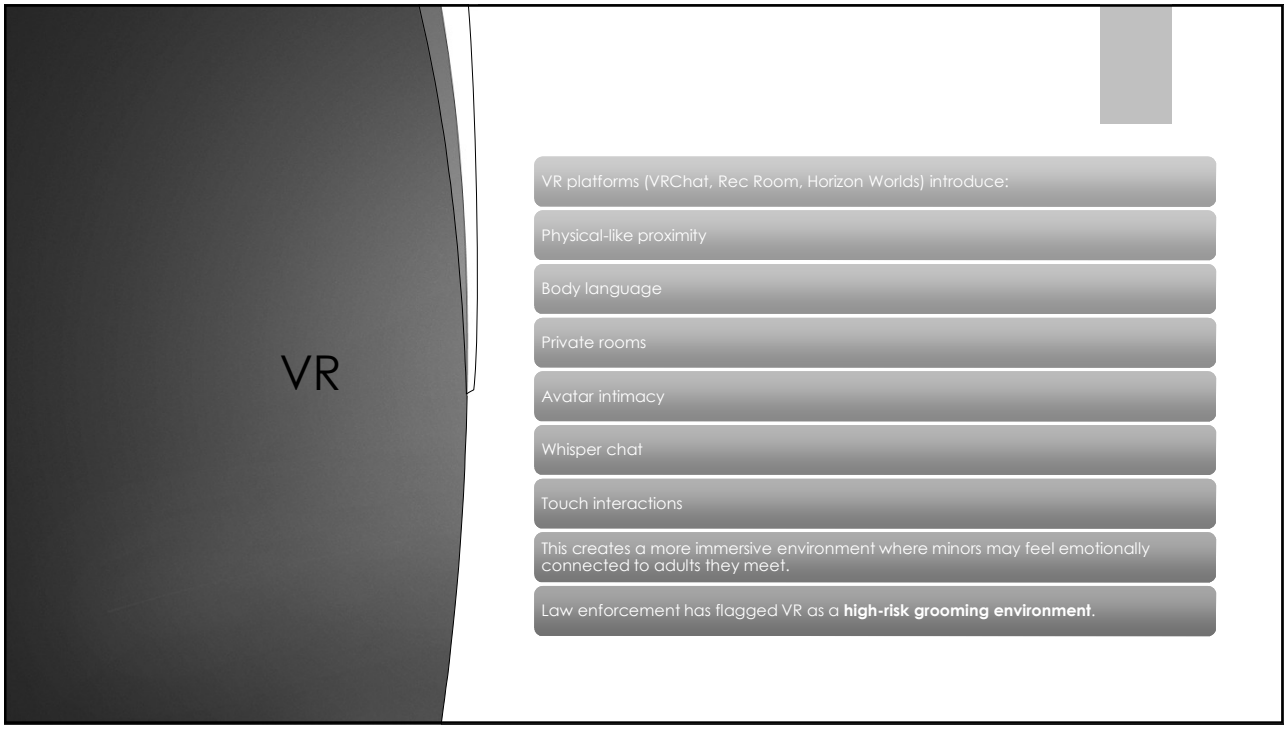
Victim:

12-year-old boy

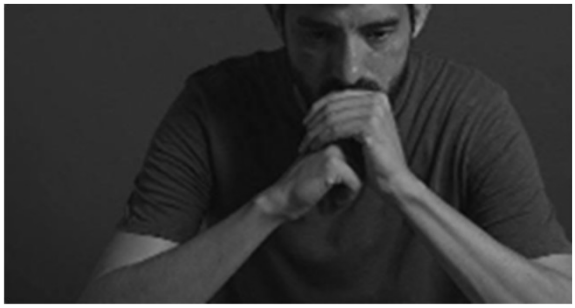
46


Victim:
8-year-old
FORTNITE

56


VR
VR platforms (VRChat, Rec Room, Horizon Worlds) introduce:
Physical-like proximity
Body language
Private rooms
Avatar intimacy
Whisper chat
Touch interactions
This creates a more immersive environment where minors may feel emotionally connected to adults they meet.
Law enforcement has flagged VR as a high-risk grooming environment.

66



SUPPLEMENTAL THERAPY TOOLS FOR THOSE THAT HAVE COMMITTED A SEXUAL OFFENSE

TRACY ALVORD, MS,LPC – SORRB EXECUTIVE DIRECTOR

TRACY.ALVORD@SORRB.GA.GOV

67

VIDEO GAMES



As Substitute Pornography

68

SEXUAL DRIVE/ PREOCCUPATION
Stable 2007

The frequency of sexual thoughts and behavior and the degree to which a person who has sexually offended has sexual thoughts that interfere with interpersonal and/or prosocial functioning.

69

RESEARCH/CONSIDERATIONS

- Those that sexually offend are typically more interested in sex and more sexually active than non-offending males.
- High rates of impersonal sex are associated with paraphilic interests, such as exhibitionism, voyeurism, and sadism/masochism.
- The general construct of sexual preoccupation significantly predicted sexual, violent, and general recidivism.

70

SEX AS COPING
Stable 2007

When a person who has sexually offended relies on sexual thoughts or behaviors to self-sooth or mitigate unwelcome feelings of tension, anger, hostility, or anxiety. What is problematic is when sex becomes the dominant coping strategy.

71

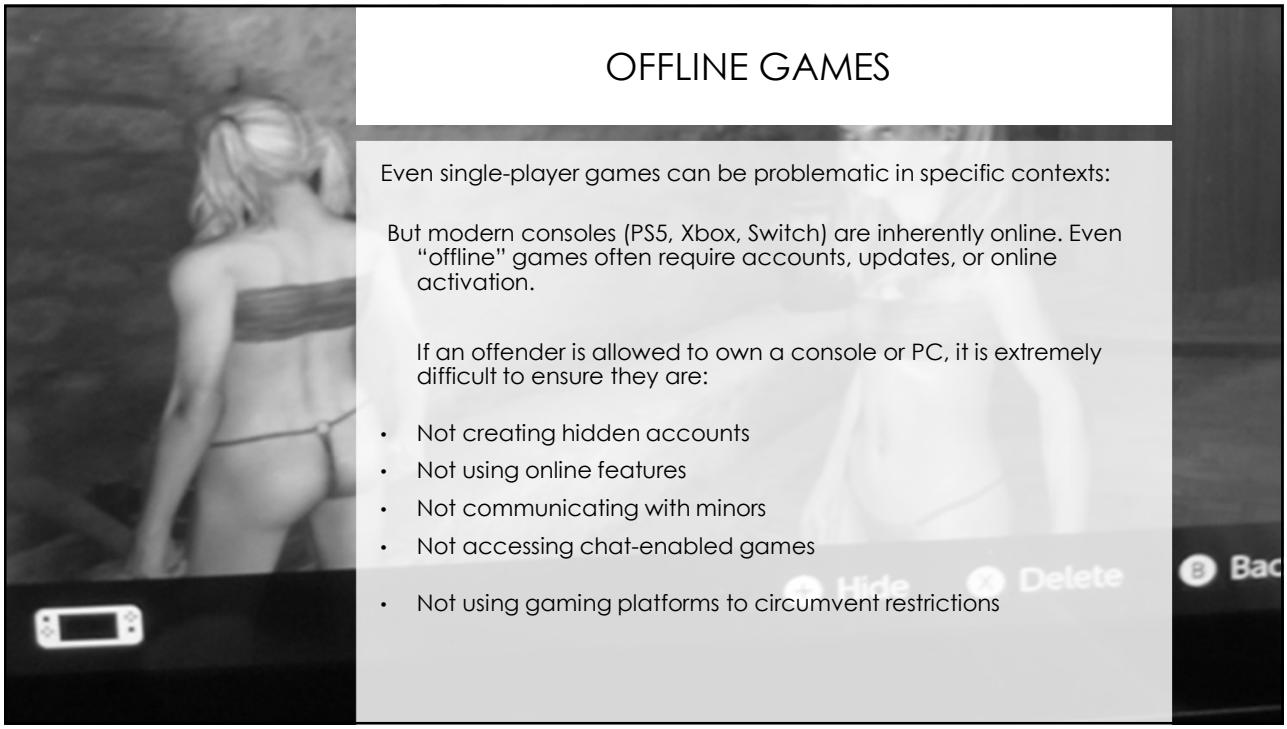
RESEARCH

10-20% of the general non-criminal population become aroused or have an increased likelihood of thinking about sex when they are anxious, depressed, or angry.

*These individuals were both more likely to engage in high-risk sexual behaviors and were over-represented by those that molest children.

Coping with sex is a significant predictor of sexual recidivism.

72



73

AI PORN GAMES

Steam is a big library for video games on the PC created by valve (video game company).

It started off as just a way for them to do automatic updates for their games in 2003 but later on they started allowing third-party games to be uploaded which made it one of the largest gaming platforms in the world.

Steam gets rid of the need for physical games making it to where anyone can download anything, anywhere, whenever.

74



75

EVALUATION

MIDSA

76

Sexualization I (Sexual Drive) Scales
The MIDSA includes one factor scale and one rational scale that describes the intensity and intrusiveness of sexual fantasies and the frequency of sexual activity. The respondent's scores on these scales appear in the charts below. Note that these are standardized against community adults. ***Description of the Sexualization I Scales*** ***Sexual Preoccupation.*** This factor scale consists of seven items. Respondents who score high on this scale report that they think, daydream, and dream about sex frequently. ***Hypersexuality.*** This rational scale consists of five items that measure sexual drive. Respondents who score high on this scale report frequent sexual activity and/or the need to have sex frequently.
Report of Individual Questions on the Hypersexuality Scale. The respondent scored higher than 1.5 standard deviations above the mean of the community males on the Hypersexuality Scale. So that you can target his problems in therapy, here are the answers he gave to the questions on the scale. To interpret his responses, it is helpful to know that the mean of the community sample on the true-false items fell approximately in the "possibly false" category.

Multidimentional Inventory of Development, Sex, and Aggression (MIDSA) – Sexual Drive Scale (Charlie/Jeff)

77

	Definitely false	Possibly false	Not sure	Possibly true	Definitely true
There have been times when sex was on my mind so much that I had to make love or masturbate once a day or more.					✓
At times I have almost been driven insane by my thoughts about sex.	✓				
I need to masturbate or have sex every day so that I feel less tense.			✓		

Responses

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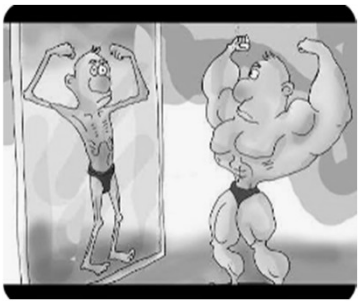
Masculine Adequacy & Sexual Inadequacy Scales



Masculine Adequacy & Sexual Inadequacy Scales

Rapists as a group have been found to score above average on Masculine Adequacy and below average on Sexual Performance Anxiety. In contrast, extrafamilial child molesters tend to score below average on Masculine Adequacy and above average on both Sexual Performance Anxiety and Anxiety toward Women.

Description of the Supplemental Scales

Masculine Adequacy. This scale consists of five items. Respondents who scored high on this scale report that they are manly, good in fights, and in sex.

Sexual Performance Anxiety. This scale consists of three items that measure anxiety about their penis and their sexual performance.

Anxiety with Women. This scale consists of five items. Respondents who score high on this scale report feeling anxious, nervous, inadequate, and guilty around women and sex.

Erectile Dysfunction. This scale consists of three items. Respondents who score high on this scale report difficulties with erection and ejaculation.

Report of Individual Questions on the Masculine Adequacy Scale.

The respondent scored lower than 1.5 standard deviations below the mean of the community males on the Masculine Adequacy Scale. So that you can target his problems in therapy, here are the answers he gave to the questions on the scale. To interpret his responses, it is helpful to know that the mean of the community sample on these items fell slightly above the "not sure" category.

79

	Definitely false	Possibly false	Not sure	Possibly true	Definitely true
Females think I am physically attractive.	✓				
I think I am really manly.	✓				
I have always been able to defend myself in fights.	✓				
I think that I am good at satisfying women or girls sexually.			✓		
When it comes to sex, I am just as good as my friends.	✓				

RESPONSES

80

Report of Individual Questions on the Anxiety with Women Scale.

The respondent scored higher than 1.5 standard deviations above the mean of the community males on the Anxiety with Women Scale. So that you can target his problems in therapy, here are the answers he gave to the questions on the scale. To interpret his responses, it is helpful to know that the mean of the community sample on these items was in the "possibly false" range.

The respondent reported that he is very shy and introverted. He explained that he is this way around everyone. He stated that others have to initiate conversation.

	Definitely false	Possibly false	Not sure	Possibly true	Definitely true
I feel nervous around females.					✔
I feel embarrassed if I talk about sex.					✔
When I have sex with a woman or girl, I feel nervous.					✔
It is hard to talk to women or girls.					✔



Anxiety with Women Scale

81

Post-Test Interview: After failing his first exam, Mr. xxx was informed of his significant Response to the question, "Since your release, did you masturbate to someone under 18?" Mr. xxx stated he had been watching 9- or 10-year-old girls masturbate on Twitter. Mr. xxx stated he watched them and masturbated to them about 3 times but no more than 5 times.

Mr. xxx was informed of his significant response to the question, "Since your release, did you have online contact with someone under 18?" Mr. xxx stated he plays online games and he is not sure if some of the other players are 18.

Mr. xxx was informed of his significant response to the question, "Since your release, did you masturbate to someone under 18 more than 5 times?" Mr. xxx stated he had watched about 10 to 15 different 9- to 10-year-old females masturbate on Twitter.

82

Regarding pornography: Mr. xxx stated he viewed adult pornography approximately every day until he met with his treatment provider. Mr. xxx stated that since then he viewed pornography twice. Mr. xxx stated he views substitute adult pornography approximately every day.

Post-Test Interview: After failing his exam, Mr. xxx was informed of his significant response to the question, "Since your release, did you masturbate to someone under 18?"
Mr. xxx stated he had been masturbating to about 10 to 15 videos of 15- to 16-year-old females masturbating on Twitter.

83

Sexual Preoccupation

The respondent scored higher than 1.5 standard deviations above the mean of the community males on the Sexual Preoccupation Scale. To interpret his responses, it is helpful to know that the mean of the community sample on these items was approximately "a few times a year."

	Never	Once or a few times	A few times a year	Once or twice a month	Once or twice a week	Almost every day
Before going to sleep, I think about sex.						✓
I have thought about sex.						✓
There have been times when I thought about sex all of the time.				✓		
I have sex dreams when I sleep.		✓				
I get sexually turned on easily.						✓
When I am bored, I daydream about sex.				✓		
While working at a job, my mind will wander to thoughts about sex.				✓		

Caleb

84

Hypersexuality Scale

The respondent scored higher than 1.5 standard deviations above the mean of the community males on the Hypersexuality Scale. To interpret his responses, it is helpful to know that the mean of the community sample on the true-false items fell approximately in the "possibly false" category. The community sample's mean response on the "how often" item was "three to five times a week."

The respondent admitted that he thinks about sex a lot. It's a struggle when he goes into public to look down and not look at women. "I don't think about having sex with them, I just look at them." He says he knows if he looks too long, he might fantasize about them. He stated that it's not as bad as it used to be. He indicated that his wife has never turned down sex with him. They did not have sex before marriage.

	Definitely false	Possibly false	Not sure	Possibly true	Definitely true
There have been times when sex was on my mind so much that I had to make love or masturbate once a day or more.					✓
At times I have almost been driven insane by my thoughts about sex.	✓				
I need to masturbate or have sex every day so that I feel less tense.	✓				
I sometimes think about sex so much that it gets on my nerves.					✓

Question: "If you had your choice, how often would you prefer to have sex?"

Respondent's response: " Twice a day. "

Caleb

85

Regarding pornography: Mr. [redacted] denied viewing any pornography since his last exam. During his last exam, Mr. [redacted] stated he was watching YouTube, Facebook, and Instagram looking for substitute porn, and accidentally viewed nude images on his wife's cell phone. Mr. [redacted] stated he reported this to his probation officer.

Mr. [redacted] stated since his last exam, he viewed a sexually explicit pop-up of an adult female performing oral sex on an adult male. Mr. [redacted] stated he viewed nude animated characters on video games.

Caleb

86

SEXUALLY EXPLICIT MATERIAL

COMMUNITY SUPERVISION & TREATMENT

87

SPECIAL SEX OFFENDER CONDITIONS

Sexually oriented material. You shall not possess or subscribe to any sexually oriented or sexually stimulating material to include mail, computer, or television, nor patronize any place where such material or entertainment is available.

Images of minors. Except as authorized by the Court or the Probation Officer, you shall not create, possess, access or control any type of photograph, video, rendering, or digital imagery of any minor.

88

It does not matter if that thing that you have searched/viewed/listened to and masturbated to online, on cable TV, read, etc. is technically porn. What matters is why you chose to engage with it. Did you engage with it to stimulate erotic feelings? In other words, even if it isn't technically porn, are you treating the material pornographically? In a sense "porn" can be in the eye of the beholder. For example, a photograph of a foot or an armpit might be disgusting to some people and highly arousing for others. If you are engaging in media (or other material) with the intention of eliciting a sexual response, for all intents and purposes it is considered "pornography". Such conduct often reinforces your prior habit or can create a habit and potentially deviant sexual interest. Watching a movie containing nudity for entertainment doesn't "count," but intentionally watching a film for the purpose of a sexual thrill is. Following this perspective, masturbation to erotic fiction, softcore images, non-porn pictures that you find sexually exciting, and animated porn falls under "obscene material(s). Accidental or inadvertent exposure to sexual media does not "count," just so long as you don't continue to engage with it.

DEFINITION OF PORNOGRAPHY

(from the online recovery community NoFap)

89

LEGAL IMAGES USED AS CSEM

90

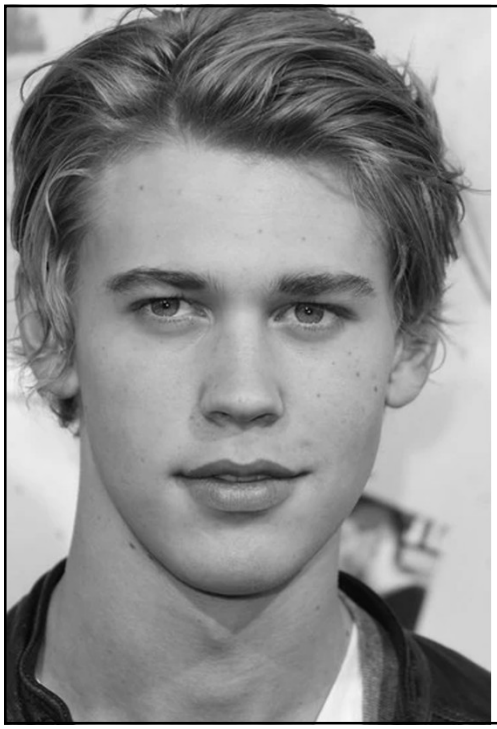


91

- Michael Pitt in Dreamers
- Escapism and Fantasy: Inside the apartment, the trio isolate themselves from the real-world political revolution. They engage in intense psychological games, film trivia challenges, and escalating sensual exploration that blurs emotional and physical boundaries.

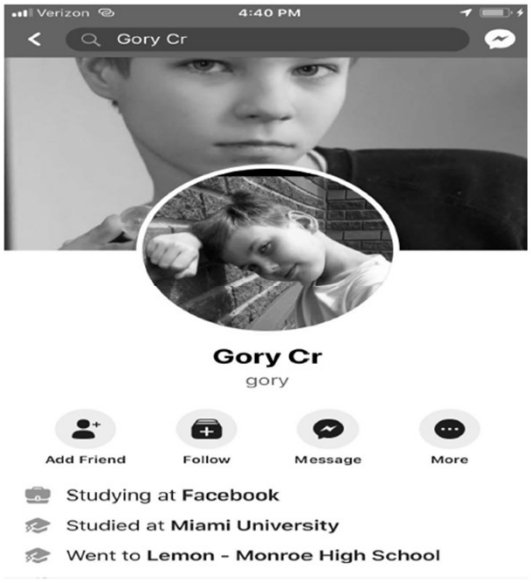


92



- Austin Robert Butler is an award-winning American actor known for his dedication to his roles and his portrayal of Elvis Presley.
- He appeared in Disney Channel and Nickelodeon shows and had recurring roles in teen dramas like Life Unexpected and Switched at Birth.

93



Phones, Gaming Systems, Computers





94

The PROTECT Act (2003)

U.S. Federal Law: Possession of obscene visual depictions of minors — including cartoons or anime — can be illegal.

ANIME

95

What is the Core Problem?

The issue is *not* anime itself — it's specific anime content that includes sexualized minors.

- "Loli," "shotacon," and similar tropes depict child-like characters
- They conflict with treatment goals for offenders with deviant sexual interests
- They can be used as fantasy rehearsal or grooming scripts



96

Mixed Messages

From psychology: Kewpie Doll Effect

- Explains how a child's physical features, such as lengthened forehead, large eyes, and rounded face, motivate the caregiver to take care of them (Konrad Lorenze). The child's physical features are said to resemble a Kewpie doll.
- Many anime depictions combine a child-like (prepubescent) face with a physically mature (postpubescent), if not exaggerated, body.





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Problematic Themes

- Accidental pervert
- Chikan/Groping
- Loli/Shotacon – depiction of prepubescent girls in a sexually suggestive manner





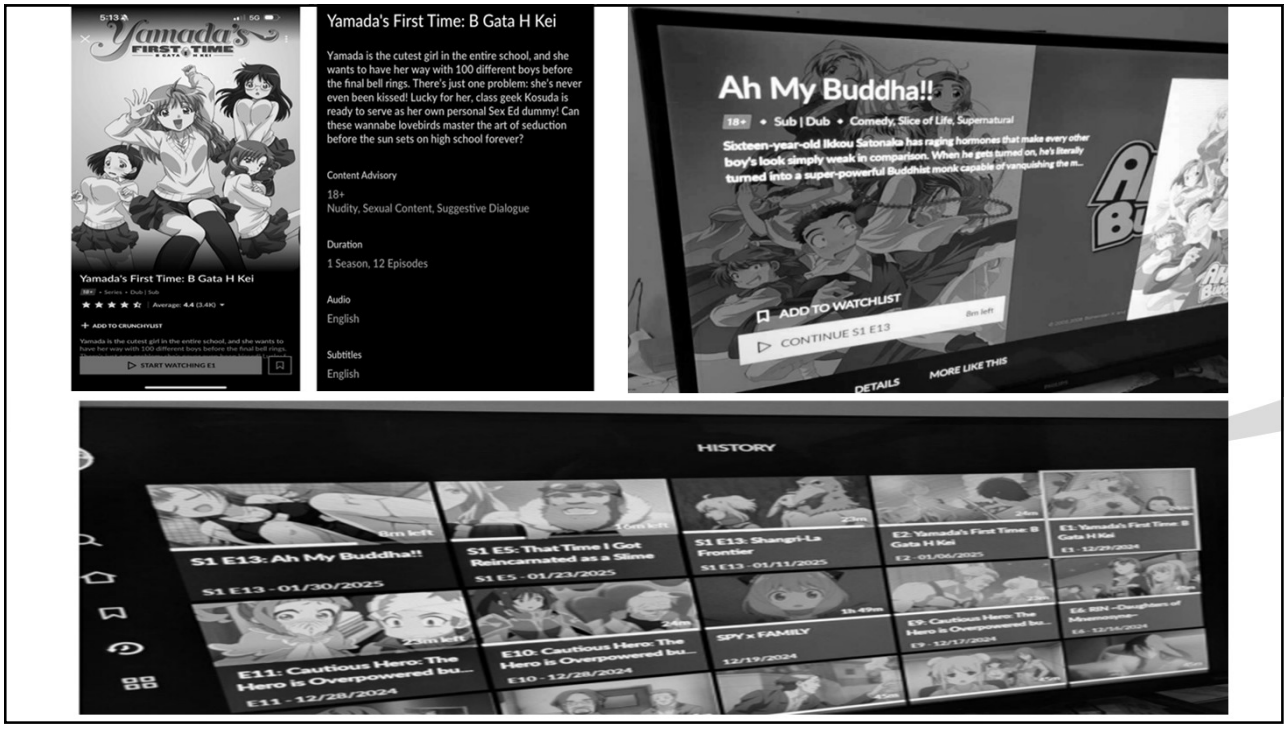


98

Problematic Themes



99



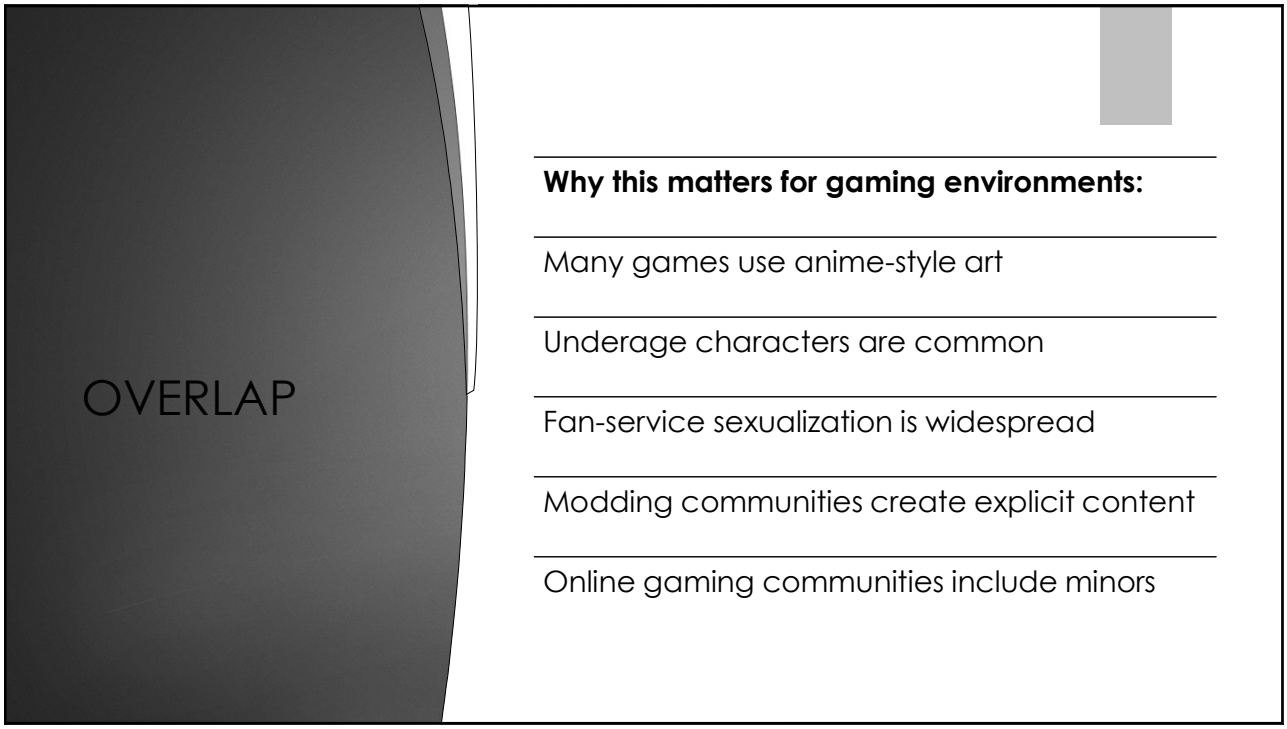
100


Wars!
ANIME &
VIDEO GAMES
DEMO
BRUTALES Y

101


Shokugeki no Souma - Mayu and the Grilled Squid with Peanut Butter
FPS N/A | GPU 15% | CPU 14% | LAT N/A
Here, dig in. It's so disgusting, you'll laugh.
0:22 / 1:17

102


OVERLAP
Why this matters for gaming environments:
Many games use anime-style art
Underage characters are common
Fan-service sexualization is widespread
Modding communities create explicit content
Online gaming communities include minors

103


SEX GAMES/MODDING
CHRISTIAN ALVORD, BS
COMPETITIVE GAMER

104

WHAT IS MODDING

Video game modding is the process of altering or adding content to a game to create a customized experience, ranging from simple cosmetic changes to complete gameplay overhauls.

105

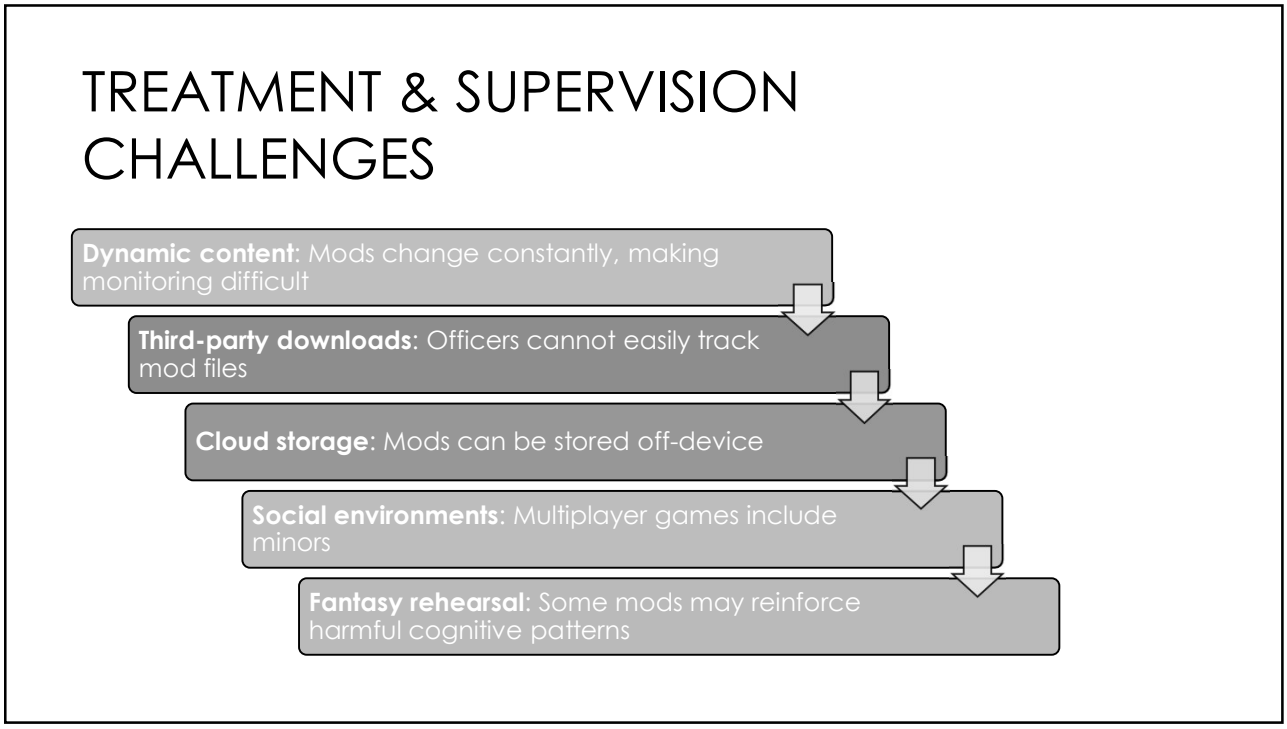
DEMO

- Regular Skins
- Marvel Rivals Mods – Nexus Mods
- Example Sexed Up Mods
- Jiggle Physics

106


CORE RISK FACTORS
Mods can introduce prohibited or high-risk themes
Some modding sites lack age verification
Sexualized mods can be downloaded privately, bypassing monitoring
Multiplayer environments may expose offenders to minors while using modded content

107


TREATMENT & SUPERVISION CHALLENGES
Dynamic content: Mods change constantly, making monitoring difficult
Third-party downloads: Officers cannot easily track mod files
Cloud storage: Mods can be stored off-device
Social environments: Multiplayer games include minors
Fantasy rehearsal: Some mods may reinforce harmful cognitive patterns

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SUPPLEMENTS TO TREATMENT

- *Instruction on appropriate/healthy fantasy*
- Monitoring program
- Online pornography addiction group
  - Ammonia/Taste Aversion
- SSRI or Naltrexone
  - Rule out ADHD
- No Internet & iPhone programmed

109

Date/Time	App	Activity
Jul 6 2025 10:39 AM	messages	Notification: Jason: See I got this bad girl that need a place her name is Amanda and she is hot 🔥 . You could be fucking for free cause she will pay you half your rent

youtube music	Shake Dat Ass (Twerk Song)	Jul 2 2025 7:12:07 AM
youtube music	Shake Dat Ass (Twerk Song)	Jul 2 2025 6:59:49 AM
youtube music	Shake Dat Ass (Twerk Song)	Jul 2 2025 6:58:23 AM
youtube music	Crazy Bitch	Jul 2 2025 6:51:41 AM
youtube music	Crazy Bitch	Jul 2 2025 6:51:08 AM
youtube	PURE TABOO - CHEER PRACTICE - Taboo Short Film - Adult Time	Jul 2 2025 3:38:30 AM
youtube	Lolita (1997) deleted scene 3 (Dolores 'Lolita' Haze and Humbert - desk scene)	Jul 2 2025 3:17:41 AM

ACCOUNTABLE2YOU

110



YouTube

111



AMMONIA AVERSION

112







TASTE AVERSION

114

PHARMACOLOGICAL INTERVENTIONS

- **SSRI**
  - Selective Serotonin Reuptake Inhibitors used off-label focused on managing obsessive thoughts, reducing sexual compulsivity, and utilizing sexual side effects.
- **Naltrexone**
  - Opioid receptor antagonist evaluated off-label to help reduce hypersexual urges, compulsive sexual behaviors, and paraphilic fantasies.
  - Blocks the brain's reward pathways to lower the dopamine-driven pleasure linked to these repetitive urges.
- **Antiandrogen Treatment (testosterone-suppressing drugs)**
  - Used with more severe sex offenders with paraphilic disorders

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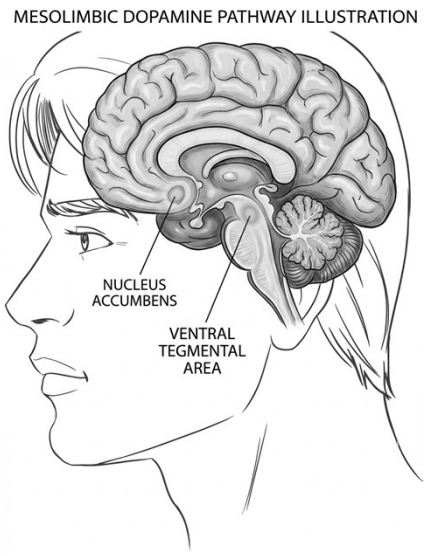
Naltrexone

- Sexual arousal and orgasms trigger release of endogenous opioids (e.g., endorphins) in the brain increasing dopamine release to the reward centers.
- Naltrexone is a competitive, long-acting opioid receptor antagonist (i.e., blocks dopamine receptors in the brain).
- As a result, Naltrexone reduces reward reinforcement, appetite-driven sexual urges, and the hedonic "high" associated with compulsive sexual behaviors.
  (Grant & Kim, 2001; Kraus et al., 2015; Verholleman et al., 2020)



116

Naltrexone

- Is FDA approved to treat opioid dependence and alcohol abuse and dependence.
- Naltrexone has been used off-label to treat hypersexuality and compulsive sexual behavior.
  - No RCT; efficacy based on case studies (Kraus et al., 2015) or open-label feasibility trials (Savard et al., 2020)
- Available as a pill, with 50 mg/day as the typical dose for adults to treat opioid or alcohol use disorders.
- Also, available as a monthly injection (Vivitrol), with 380 mg given as a deep muscle injection.



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ADHD PRESENTATION BY DR. LYNE PICHE

- She shared that there is a moderate, positive correlation between ADHD and hypersexuality and problematic pornography use.
- There is a high comorbidity between ADHD and hypersexuality.
- This applies to both men and women
- This has been replicated.
- Bothe et al., 2019
- Dr. Piche noted through her review of research that ADHD medication outperforms CBT interventions for effectiveness (Carvalho et al, 2024; Fullen et al., 2020; Li, Y., & Zhang, L., 2024)

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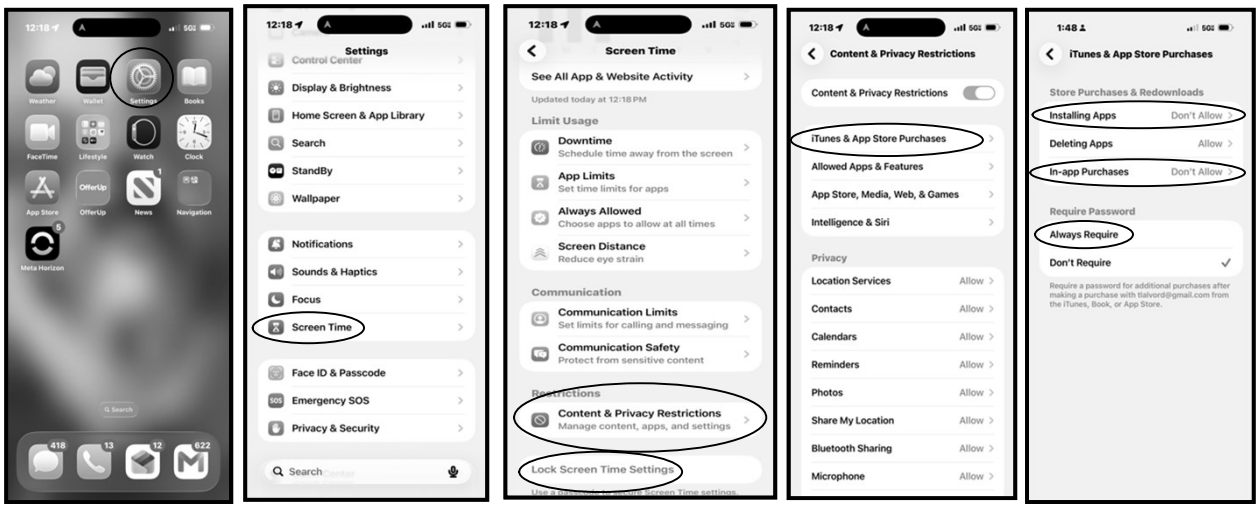
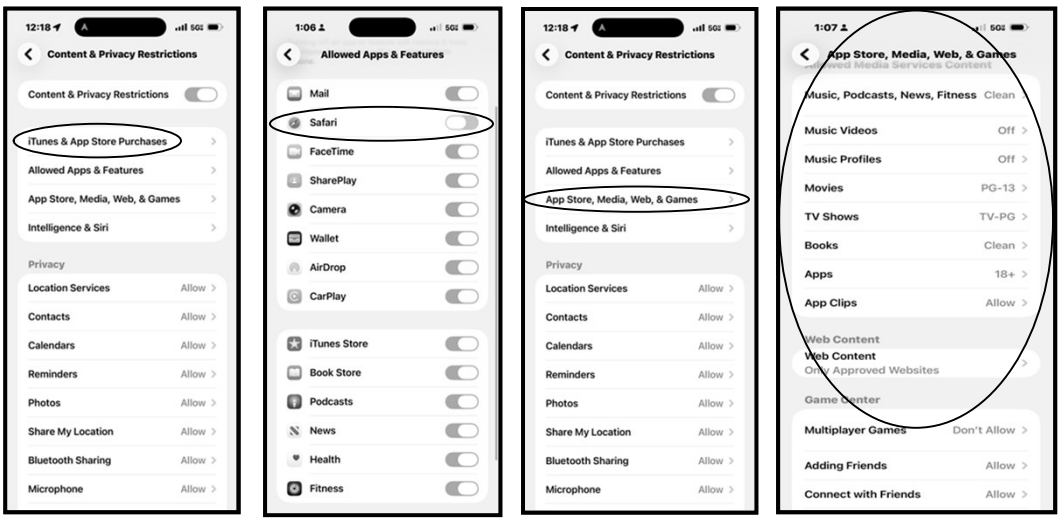
IPHONE PROGRAMMING



119


Content & Privacy Restrictions
Content & Privacy Restrictions
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Allowed Apps & Features
App Store, Media, Web, & Games
Intelligence & Siri
Privacy
Location Services Allow
Contacts Allow
Calendars Allow
Reminders Allow
Photos Allow
Share My Location Allow
Bluetooth Sharing Allow
Microphone Allow
Allowed Apps & Features
Mail
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Camera
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Allowed Apps & Features
App Store, Media, Web, & Games
Intelligence & Siri
Privacy
Location Services Allow
Contacts Allow
Calendars Allow
Reminders Allow
Photos Allow
Share My Location Allow
Bluetooth Sharing Allow
Microphone Allow
App Store, Media, Web, & Games
Music, Podcasts, News, Fitness Clean
Music Videos Off
Music Profiles Off
Movies PG-13
TV Shows TV-PG
Books Clean
Apps 18+
App Clips Allow
Web Content
Web Content
Only Approved Websites
Game Center
Multiplayer Games Don't Allow
Adding Friends Allow
Connect with Friends Allow

120


ANY
QUESTIONS?

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Thank You

Tracy Alvord, MS, LPC; SORRB Executive Director

Elizabeth Bigham; GBI Special Agent

Christian Alvord, BS; Competitive Gamer

Markus Wiegel, PhD; SORRB Research Analyst

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