

PREVALENCE OF GENERATIVE ARTIFICIAL INTELLIGENCE SEXUALIZED IMAGE INTERACTIONS BY ADOLESCENTS IN THE UNITED STATES

GENERATIVE AI TOOLS, INCLUDING SMARTPHONE AND COMPUTER-BASED TOOLS, ALLOW INDIVIDUALS TO SEE WHAT THEY LOOK LIKE NAKED AND CREATE WHOLLY NEW SEXUALIZED IMAGES AND ARE READILY AVAILABLE AND ACTIVELY USED BY YOUNG ADULTS.

HIGHLIGHTS

- GENAI **USAGE** TO CREATE SEXUALIZED IMAGES IS **HIGH**, BUT **INFREQUENT**
- **USAGE** AND **VICTIMIZATION** IS **MOSTLY SIMILAR** ACROSS ALL AGES (13-17), GENDERS, RACES, REGIONS, AND SEXUAL ORIENTATIONS
- **55%** HAVE PUT THEIR **OWN IMAGE** INTO **NUDIFICATION TOOLS**
- **54%** HAVE HAD SEXUAL AI **IMAGES** OF OTHERS **SHARED WITH THEM**
- **36%** HAVE BEEN **VICTIMS** OF NON-CONSENSUAL SEXUAL AI IMAGE **CREATION**
- **33%** HAVE BEEN **VICTIMS** OF NON-CONSENSUAL SEXUAL AI **DISTRIBUTION**

OBJECTIVE

Quantify the prevalence of Generative AI image generation and distribution by 13 - 17 year olds

METHODOLOGY

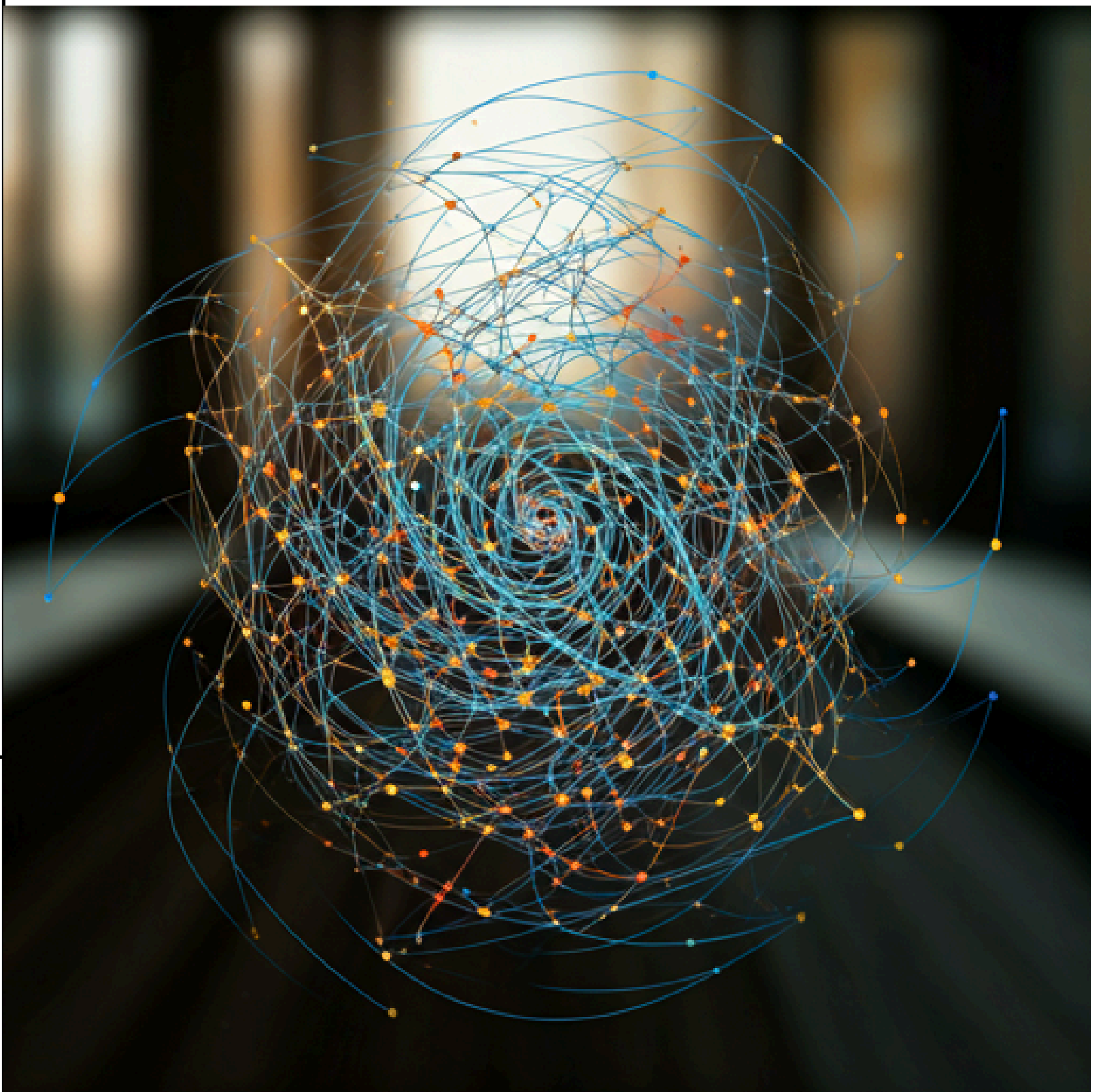
Anonymous, Internet based survey conducted with parental consent and participant assent of English-speaking teens 13 - 17 in the United States (n=557) identifying:

- Usage of nudification and other generative AI tools to create sexualized content of themselves and their peers
- Exploration of both consensual and non-consensual image creation and distribution
- Victimization of the survey population by others using generative AI tools

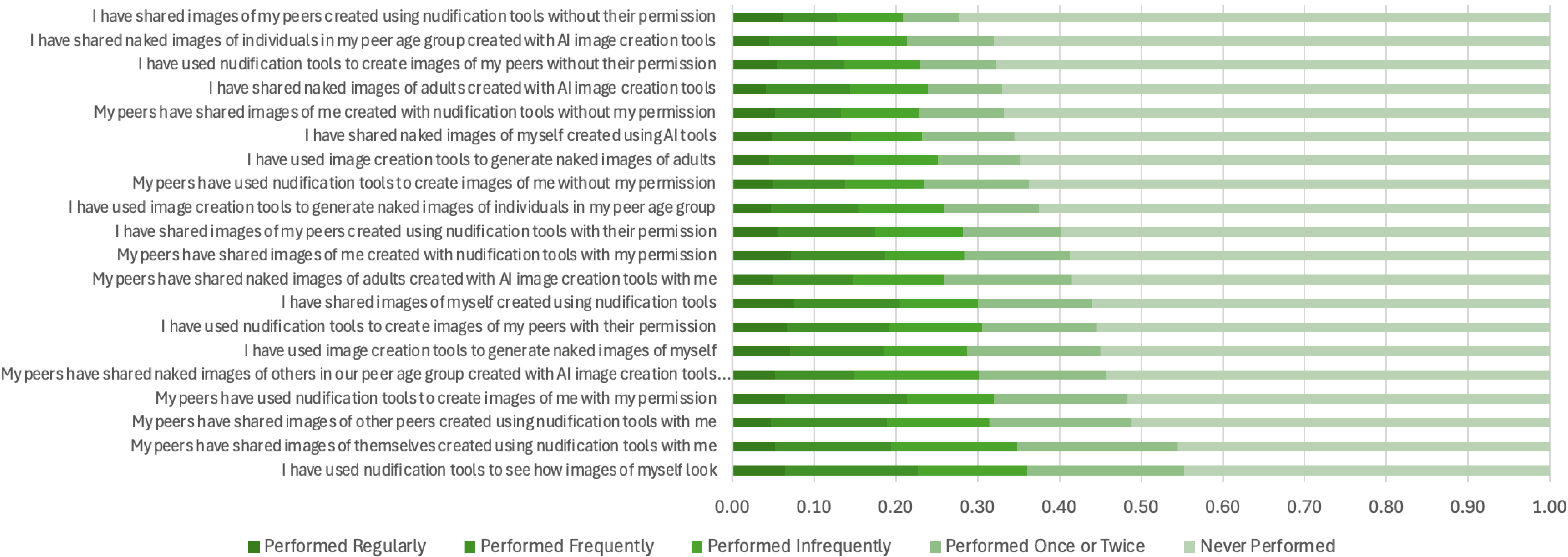
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AFFILIATIONS

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Sexual GenAI Image Interactions by Adolescents



CONCLUSIONS AND IMPLICATIONS

- Adolescents are routinely creating and sharing content legally classified as child sexual exploitation material, both consensually and non-consensually
- Better education on the risks and safe usage of GenAI image creation needs to occur, and prior to teenage years
- Investigative, digital forensics, clinical and deterrence efforts needs to incorporate the large influx of new GenAI CSEM images created by this population
- Legislative approaches are needed to avoid the criminalization of large numbers of minors using this technology