



Victim ID in CSAM

- ICT and human nature make Ying and Yang
- We see material being produced in US, Hosted in Moldova and downloaded by anyone with a connection
- Production can be anywhere
 - + Not every series produced is shared
 - + Not all material from a series is shared
- Found in different ways
 - + Police operations
 - + Reported by public/ NGO
 - + Reported by platforms



Global issue

Child Sexual Abuse Material

- Sometimes Child Abuse takes place in our communities
- Sometimes this abuse is recorded
- Sometimes that abuse is uploaded to the internet
- Sometimes sold, sometimes swapped, sometimes just uploaded
- Sometimes it's called child pornography

What is CSAM?

<https://www.irishstatutebook.ie/eli/1998/act/22/section/2/enacted/en/html>

“child pornography” means—

(a) any visual representation—

(i) that shows or, in the case of a document, relates to a person who is or is depicted as being a child and who is engaged in or is depicted as being engaged in explicit sexual activity,

(ii) that shows or, in the case of a document, relates to a person who is or is depicted as being a child and who is or is depicted as witnessing any such activity by any person or persons, or

(iii) whose dominant characteristic is the depiction, for a sexual purpose, of the genital or anal region of a child,

(b) any audio representation of a person who is or is represented as being a child and who is engaged in or is represented as being engaged in explicit sexual activity,

(c) any visual or audio representation that advocates, encourages or counsels any sexual activity with children which is an offence under any enactment, or

(d) any visual representation or description of, or information relating to, a child that indicates or implies that the child is available to be used for the purpose of sexual exploitation within the meaning of [section 3](#), irrespective of how or through what medium the representation, description

or information has been produced, transmitted or conveyed and, without prejudice to the generality of the foregoing, includes any representation, description or information produced by or from computer-graphics or by any other electronic or mechanical means but does not include—

(I) any book or periodical publication which has been examined by the Censorship of Publications Board and in respect of which a prohibition order under the Censorship of Publications Acts, 1929 to 1967, is not for the time being in force,

(II) any film in respect of which a general certificate or a limited certificate under the Censorship of Films Acts, 1923 to 1992, is in force, or

(III) any video work in respect of which a supply certificate under the Video Recordings Acts, 1989 and 1992, is in force;

“document” includes—

(a) any book, periodical or pamphlet, and

(b) where appropriate, any tape, computer disk or other thing on which data capable of conversion into any such document is stored;

“photographic representation” includes the negative as well as the positive version;

“visual representation” includes—

(a) any photographic, film or video representation, any accompanying sound or any document,

(b) any copy of any such representation or document, and

(c) any tape, computer disk or other thing on which the visual representation and any accompanying sound are recorded.

COPINE SCALE

1. Indicative - Non-erotic and non-sexualised pictures showing children in their underwear, swimming costumes, etc. from either commercial sources or family albums; pictures of children playing in normal settings, in which the context or organisation of pictures by the collector indicates inappropriateness
2. Nudist - Pictures of naked or semi-naked children in appropriate nudist settings, and from legitimate sources
3. Erotica - Surreptitiously taken photographs of children in play areas or other safe environments showing either underwear or varying degrees of nakedness

1 to 3 is not illegal (generally) but can indicate a sexual interest in children

Typology of Paedophile Picture Collections, Taylor, Quayle, Holland
2001

<https://journals.sagepub.com/doi/10.1177/0032258X0107400202>

COPINE SCALE

4. Posing - Deliberately posed pictures of children fully, partially clothed or naked (where the amount, context and organisation suggests sexual interest)

5. Erotic posing - Deliberately posed pictures of fully, partially clothed or naked children in sexualised or provocative poses

4 and 5 have some level of sexualisation of the child and may or may not be illegal depending on the context and the legislation in the particular country. We tend to call this CSEM or Child Sexual Exploitation material.

This is indicative of a higher engagement with child material and therefore a higher sexual interest in children.

Typology of Paedophile Picture Collections, Taylor, Quayle, Holland
2001

COPINE SCALE

- 6. Explicit erotic - Emphasising genital areas where the child is posing either naked, partially or fully clothed**
- 7. Explicit sexual activity - Involves touching, mutual and self-masturbation, oral sex and intercourse by child, not involving an adult**
- 8. Assault - Pictures of children being subjected to a sexual assault, involving digital touching, involving an adult**

From 6 to 10 they are illegal in most countries. Illegal to Produce, distribute and possess. Obviously the sexual interest is at it's highest level here.

Typology of Paedophile Picture Collections, Taylor, Quayle, Holland
2001

COPINE SCALE

9. Gross assault - Grossly obscene pictures of sexual assault, involving penetrative sex, masturbation or oral sex involving an adult

10. Sadistic / bestiality

- Pictures showing a child being tied, bound, beaten, whipped or otherwise subjected to something that implies pain
- Pictures where an animal is involved in some form of sexual behaviour with a child

From 6 to 10 they are illegal in most countries. Illegal to Produce, distribute and possess. Obviously the sexual interest is at it's highest level

R: There are always horrible things on the Internet, but it's pretty rare. Right?

CSAM

- Visual representation of:
- Crime Scene
- Personal tragedy
- Interference in public peace
- Exploitation of vulnerability
- Investment in future dysfunction

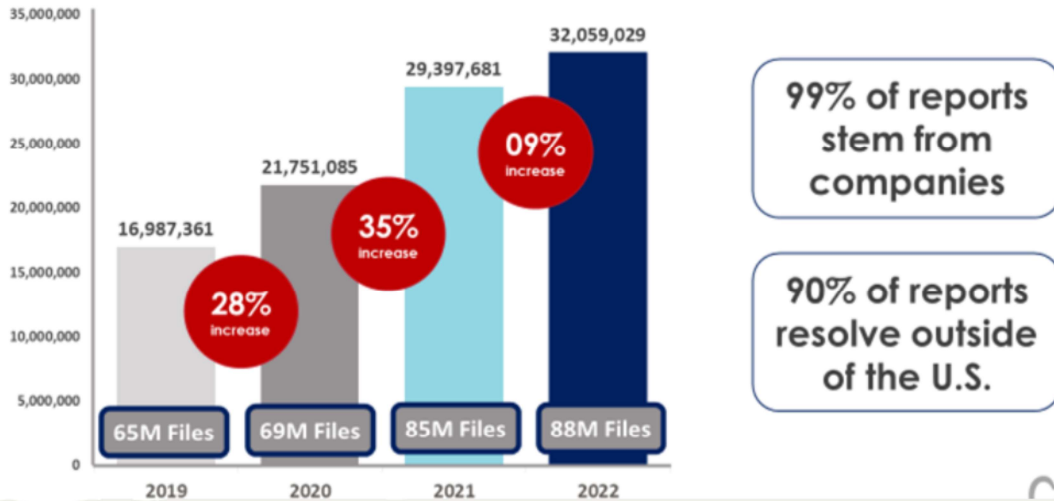




NATIONAL CENTER FOR
**MISSING &
EXPLOITED**
CHILDREN®

See notes for updated data

CYBERTIPLINE REPORT ACTIVITY: 2019 – 2022*

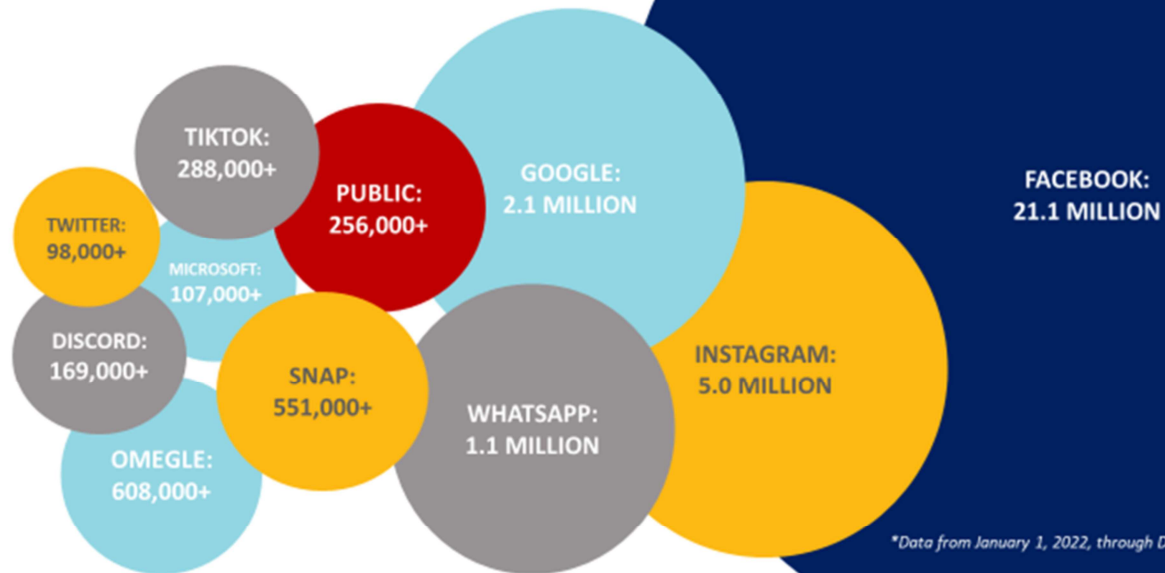


UPDATED FIGURES AVAILABLE FROM:

<https://www.missingkids.org/gethelpnow/cybertipline/cybertiplinedata>

TOP REPORTERS: 2022

See notes for updated data

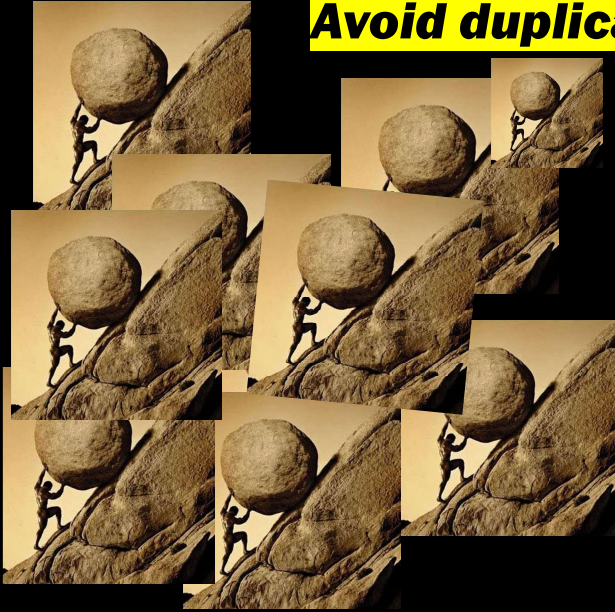


UPDATED FIGURES BY ESP:

<https://www.missingkids.org/content/dam/missingkids/pdfs/cybertiplinedata2024/2024-reports-by-esp.pdf>

This data is the reference made during the lecture about different companies efforts- Apple Inc 250 disclosures as against 1M + from Google.

Avoid duplication of effort



1. Finding kids faster
 1. New -v- Already seen
2. Stop abuse
 1. prevention
3. Get Kids help
4. ID offenders
5. Get them help
6. Well-being of staff
 1. Same CSAM again and again

Databases

- National
 - Victim ID Policy/Team/Database
- INTERNATIONAL
 - ICSE at INTERPOL
 - Technology – connecting systems
 - NCMEC/ Canadian system

<https://www.interpol.int/Crimes/Crimes-against-children/International-Child-Sexual-Exploitation-database>

Victim Identification

- Networking for good
 - + Exchange of information and skills
- Victim Identification workshops
 - + Conferences
 - + INTERPOL
 - + Europol
 - + T&S teams
- Exchange via technology
 - + Secure comms for teams
 - + ICSE Database
 - + Commercial solutions connected
- ICSE
 - + NCMEC/CAID/INHOPE (ICCAM)

File Signatures

HASH

Photo DNA - image and video

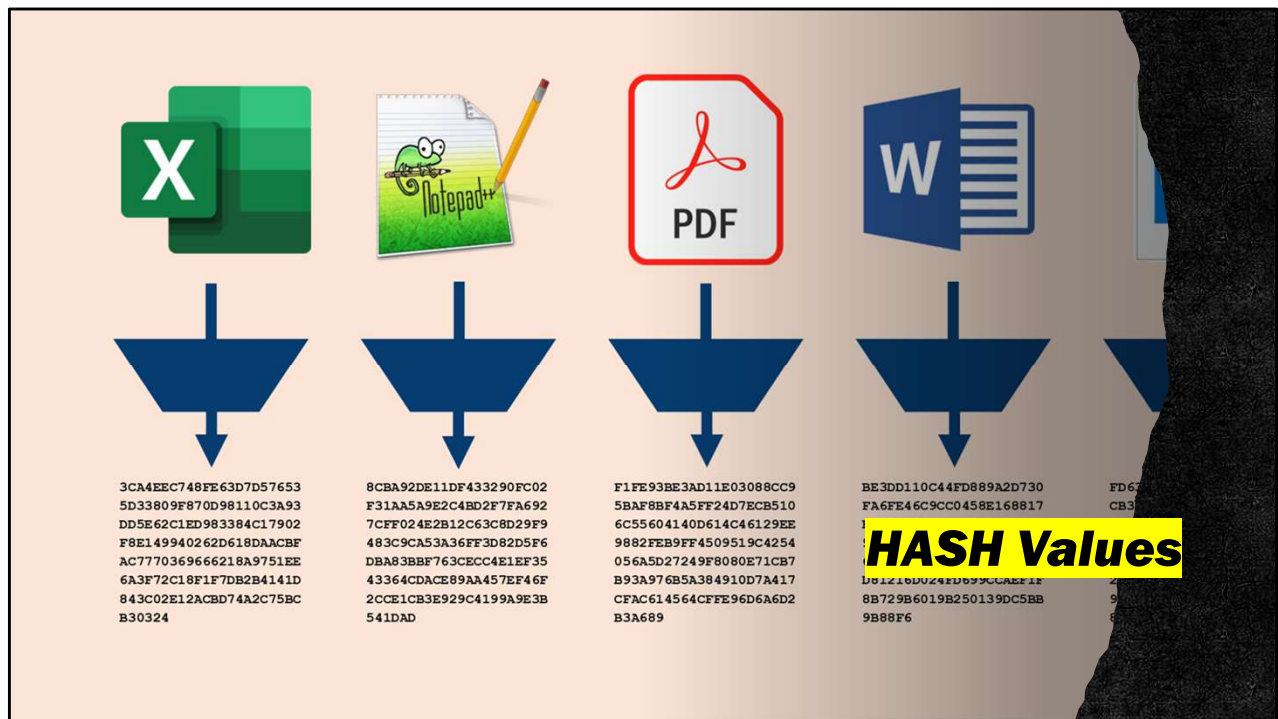
Avoids duplication of effort

Avoids unnecessary viewing

Creates leads

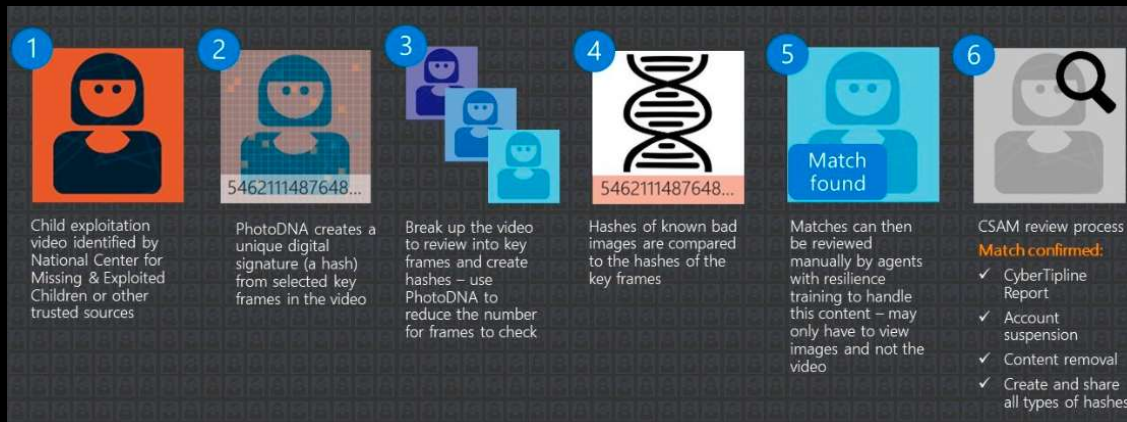
Prevention

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<https://www.microsoft.com/en-us/photodna>



Video DNA

The A B C of Vic ID

- A - Analysis

- B - Background

- C- context/ collection



- Record Record Record

- No effort wasted

- No duplication of effort

- Find the child now or later

Examination of the material produces clues to location, victim and perpetrator.

8 steps to identifying victims of child sexual abuse



Victim ID triage

- Use Hash sets, tools and databases to reduce workload
- Importance of COPINE 1 – 4 – keep series together

- Create series

- Recording

- + Your own notes
- + National Centre/ ICSE
- + Encourage local guys

TRIAGE:

- Based on Series
- Based on camera used
- Based on date and time
- Based on Victim
- Based on offender
- Based on background





**online to offline
through VIC ID**

How can you and your friends help?

Stop Child Abuse – Trace an Object

See link in notes.

<https://www.europol.europa.eu/stopchildabuse> – trace an object website.