

Type of stalking	N	Mean age (SD)*	% Female	Primary occupations [†]
Purely online	42	37.6 (11.3)	81%	Professionals (31%) Students (16.7%) Disabled (11.9%) Homemaker (9.5%)
Cross-over	50	33.5 (10.5)	86.3%	Professionals (41.2%) Admin/clerical (17.6%) Students (9.8%) Unemployed (7.8%)
Proximal with online	50	29.8 (9.9)	84%	Professionals (40%) Admin/clerical (26%) Students (10%) Service industry (6%)
Purely offline	51	31.6 (11.0)	92%	Professionals (24%) Admin/clerical (20.5%) Students (11.8%) Service industry (7.6%)

Sample comprised: 53% UK, 36% US, 11% AUS participants

Sheridan & Grant, 2007

Cyber-stalking in Australia

- 906 offences where applications made for IO
 - 11% classified as cyber-stalking
- Adolescents only
- Applications made
- Harassment via IM, e-mail, posting malicious content

Grooming

Online child grooming: a literature review on the misuse of social networking sites for grooming children for sexual offences

Kim-Kyung Raymond Cho

AIC Reports
Research and
Public Policy Series 103

Table 9: Characteristics of recent online child grooming cases

Case number	Location	Communication methods when first met	Keeps to identity before the grooming process?	Duration of grooming process	Sex with victim?
1	Adelaide	Skype, text	No	Three months	No (victim was an adolescent male)
2	Adelaide	Chat room, instant	No	One day	No (victim was an adolescent male)
3	Adelaide region	Skype, text	No	Six months	No (victim was 12 years of age at the time of offence)
4	Adelaide region	Instant, phone	No	Three months	No
5	Adelaide State	Online advertising site, MySpace	No	Over one year	No (victim was 17 years of age at the time of offence)
6	Adelaide State	Online advertising site	No	Unknown	No (victim was an adolescent male)
7	Adelaide State	Online advertising site, MySpace	No	Unknown	No (victim was an adolescent male)
8	Adelaide State	Instant messaging, MySpace	No	Unknown	No (victim was an adolescent male)
9	Adelaide State	Online advertising site, MySpace	No	Unknown	No (victim was an adolescent male)
10	Adelaide State	Online advertising site, MySpace	No	Unknown	No (victim was an adolescent male)

*Despite the establishment of one of more public profiles on MySpace, there has apparently not been one successful sting operation initiated on MySpace in the more than two years during which these sting profiles have been in existence"

Willard, 2009, p.3

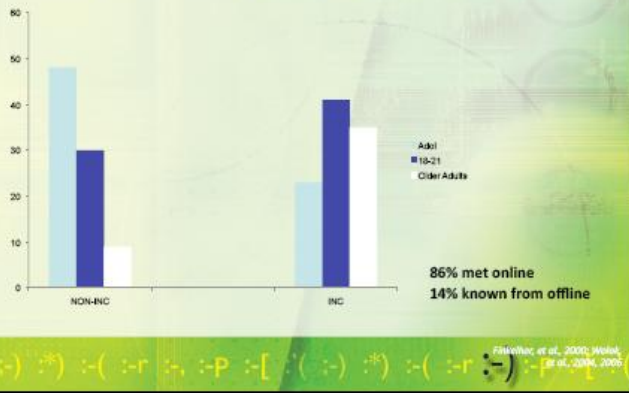
Sexual solicitation

Victim characteristics

- Types of online interactions
 - Share personal information
 - Talk to strangers online about sex
- History of sexual or physical abuse
- General patterns of risky behaviour
 - Frequenting chatrooms
- 13-17 year olds
 - 99% of victim group
- Female (70-75% of victim group)
 - 14-17 years of age are highest risk category

Mitchell, et al., 2001, 2002;
Sakuma, et al., 2000;
Willard, et al., 2003, 2004, 2006

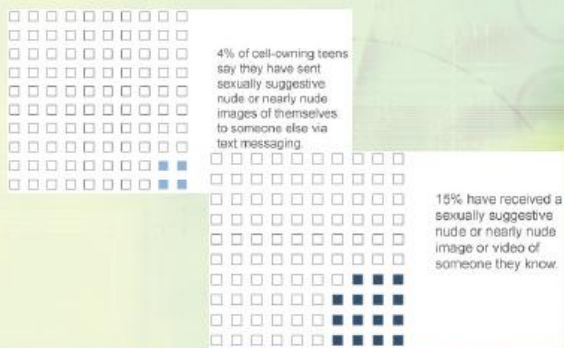
Offender characteristics



Sexting



Pew Internet & American Life Project



Promotion of inappropriate social and health behaviours



Internet addiction

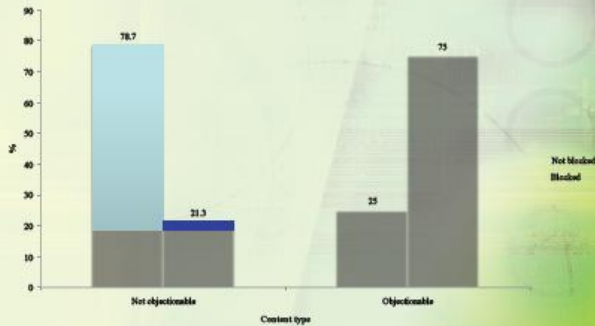
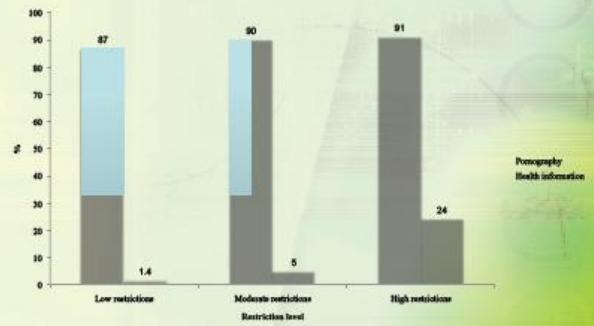
- Variable rates from - 2 - 61%
- Consequences (Taiwan study)
 - Higher ADHD **symptoms**, depression, social phobia
 - Higher hostility in males – NOT IN AUS!

Strategies to minimise risk

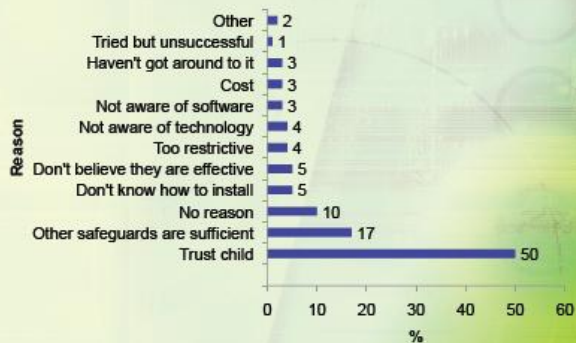


	Filtering/blocking tools		
	At home (%)	At school (%)	Other (%)
All EU countries	27.6	30.8	8.0
UK	46.2	71.0	4.2
Ireland	35.2	43.4	2.8
Germany	29.8	21.5	5.0
Netherlands	28.0	31.6	0.8
Spain	25.6	14.4	4.4
France	25.4	26.6	10.2
Austria	21.8	17.7	9.5
Cyprus	20.7	20.7	0.0
Belgium	20.6	9.8	6.7
Italy	20.2	10.6	6.7
Sweden	19.9	26.5	0.9
Poland	18.8	30.0	21.3
Denmark	18.4	20.3	1.9
Greece	11.9	22.0	13.6
Czech Republic	10.1	20.7	21.8
Portugal	8.7	20.7	10.9
Estonia	7.0	11.3	10.2
Bulgaria	6.6	8.8	7.7
Slovenia	5.1	1.9	17.2

Filters

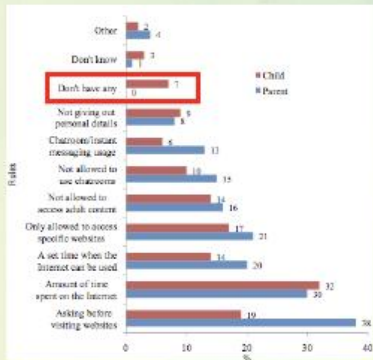


Filter	Non-objectionable	Objectionable	Total
CYBERSitter			
Not blocked	85.4	30.6	75.5
Blocked	14.6	69.4	24.5
Cyber Patrol			
Not blocked	90.9	44.4	82.5
Blocked	9.1	55.6	17.5
SurfWatch			
Not blocked	92.7	55.6	86.0
Blocked	7.3	44.4	14.0
Net Nanny			
Not blocked	97.0	83.3	94.5
Blocked	3.0	16.7	5.5



Does education work?

Question	Pre-test Unsure or believed it was safe		Post-test Not safe	
	Safe	Palermo	Safe	Palermo
Safe to meet someone in person after they had been chatting with them for a long time.	54%	13%	83%	82%
Safe to say what school they attend.	50%	36%	92%	96%
Safe to tell people where they hang out	29%	16%	92%	100%
Safe to state their real name on the Internet	25%	20%	92%	98%
Safe to put their address on the Internet	25%	16%	88%	95%
Safe to post their picture on the Internet.	25%	15%	96%	98%



How do I stay safe?



Computer Security	Yes / No
Are you forgetting to change your ISP password regularly?	
Do you keep personal information on your computer hard drive?	
Do you forget to regularly update your virus protection?	
Do you use public access computers?	
Do you lack personal firewall protection?	

How safe is your password?

The top 10 most common passwords

- 123456
- 12345
- 123456789
- Password
- iloveyou
- princess
- rockyou *
- 1234567
- 12345678
- abc123

* Note: this list was sourced from the RockYou website.

Do you:

- Visit untrusted websites? 46% Yes
- Back-up data? 55% No
- Use security software 22% None
- Select unsafe passwords? 45% Yes
- Run virus scans? 21% No

27% of respondents had computer hacked

(Symantec, n=6,400 March 2009)

Stay up to date...



<http://www.scamwatch.gov.au/>

Spyware / malware

- You visit a website or click on a link contained in a spam email.
- A pop-up box appears on your screen which may have a simple question or a button that says 'close'. Just by clicking on this, you may be allowing the spyware to be downloaded.
- You notice new icons on your computer screen, or your computer is not as fast as it normally is.
- Music files, games, or access to adult sites is offered free of charge as long as you download a particular program or agree to a pop-up box.

<http://www.scamwatch.gov.au/>

Feb 2010

Position	Change in position	Name	Number of infected computers
1	# 0	NewWorms.Win32.Kill-e	272734
2	+ 1	Virus.Win32.Sally.exe	170214
3	+ 1	NewWorms.Win32.Kill-e	162447
4	+ -2	NewWorms.Win32.Kill-e	127133
5	# 0	Worm.Win32.PolyBot.03	85545
6	+ 3	Trojan.Downloader.Win32.Helios	83800
7	# New	Exploit.IE.hav0n.8	49390
8	+ 0	Worm.Win32.Autark	48410
9	+ 1	Virus.Win32.Virus.exe	47842
10	+ 0	Packed.Win32.Kill-e	47375
11	+ -3	Trojan.Downloader.Worm.Gat.Codex.8	43200
12	# 0	Virus.Win32.Indica	40207
13	# New	msn-virus.Antivirus.Win32.PK.exe	39900
14	+ -3	Outlook.Virus.Antivirus.Win32.Bovik.L	38404
15	+ 1	Worm.Win32.M200808.8	38300
16	# New	Trojan.IE.Agent.Bov	34842
17	+ 3	Packed.Win32.Black.8	32435
18	+ 1	Trojan.Downloader.Win32.PolyBot.03	32000
19	# New	Worm.Win32.Autark.8	32077
20	# New	msn-virus.Antivirus.Win32.Tar.Poly.8	30842

<http://www.viruslist.com>

Internet Explorer



Julian Dooley, PhD

Senior Research Fellow / Scientific Director
 Child Health Promotion Research Centre
 Edith Cowan University
 08 9370 6965

j.dooley@ecu.edu.au

