Global Internet Security Threat Report, Volume XV

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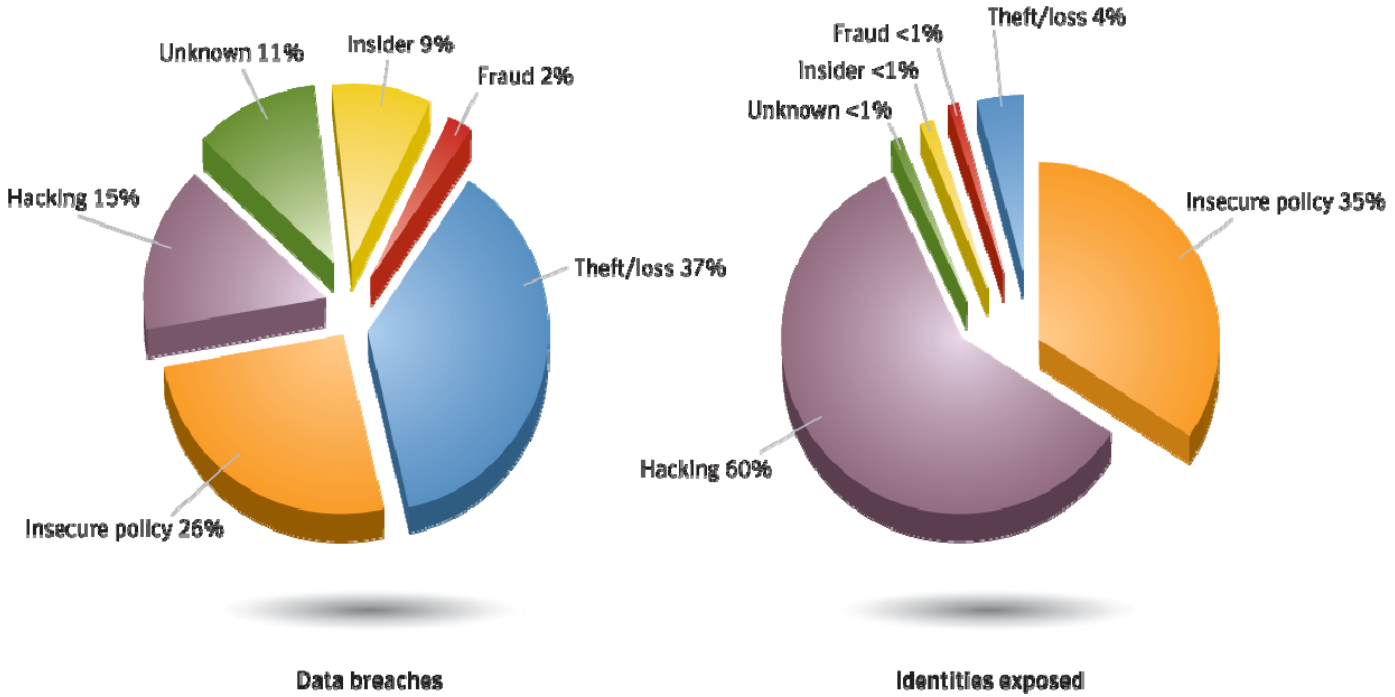
ISTR Volume XV: Key Findings Summary

- Cybercrime's financial and geographic growth shows no slowdown during the global economic crisis.
- Targeted attacks focus on enterprises.
- Attack kits make information theft easier for novices.
- Underground economy unaffected by the global economy.

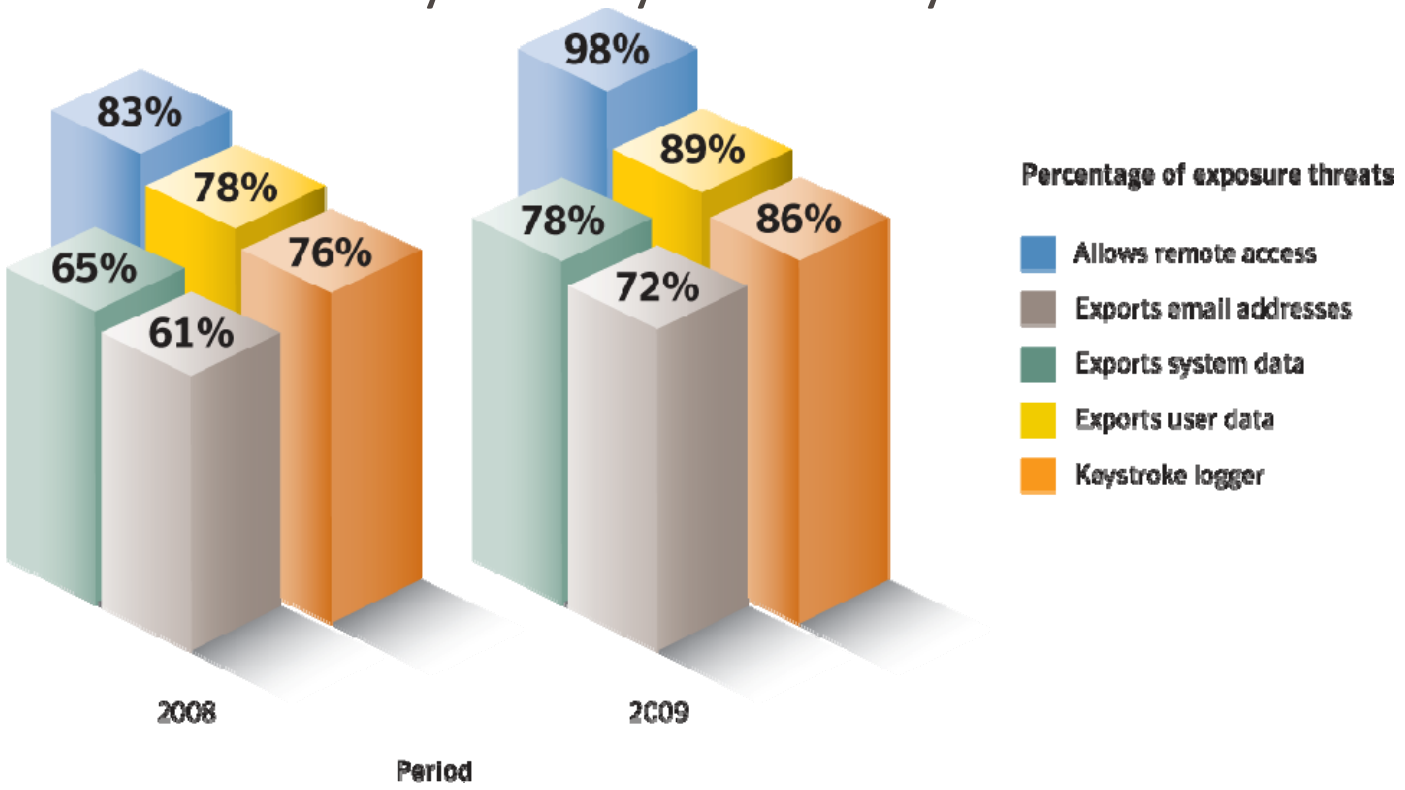
Targeted attacks focus on enterprises

- Frequently carried out by Advanced Persistent Threats (APTs).
- These threats remain undetected to penetrate deeply into the network.



Attack kits make information theft easier for novices

- Kits allow unskilled attackers to enter the market with sophisticated tools.
- Increase in kit activity notably marked by Zeus.



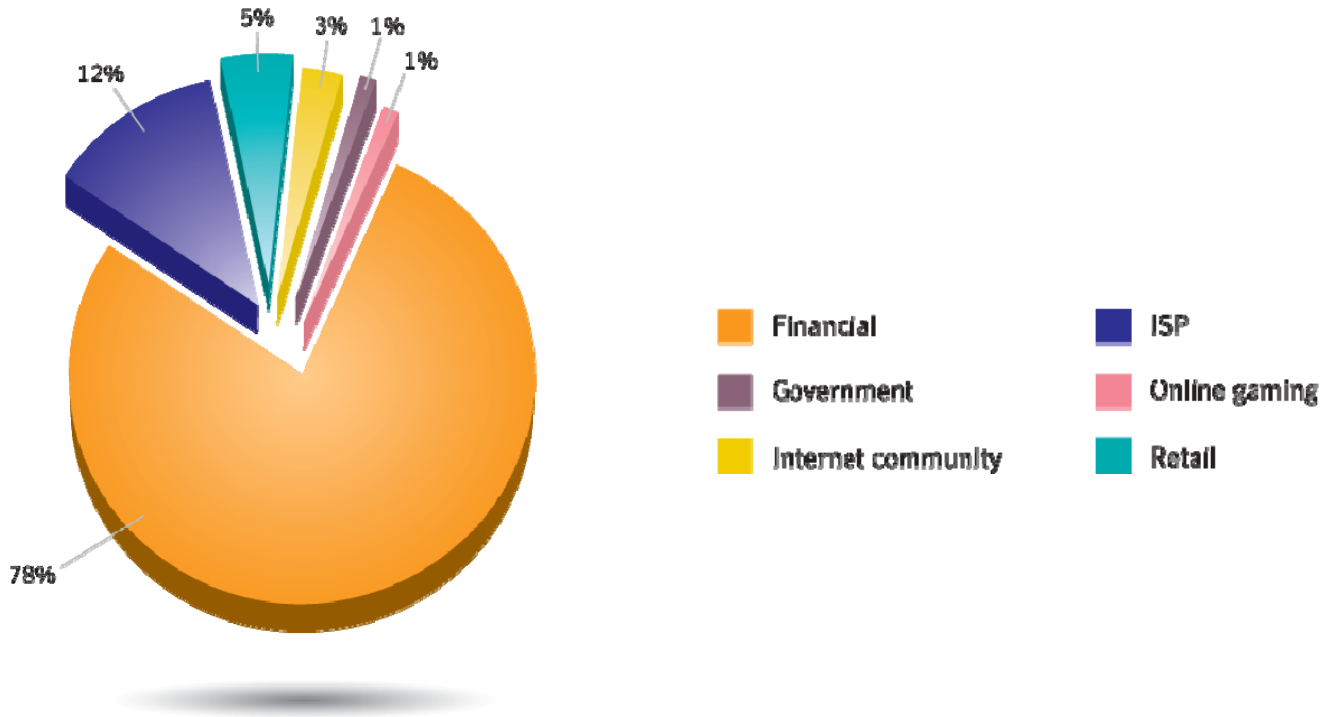
Underground Economy unaffected by global economy

- Credit card info and bank accounts still top advertised items on underground economy.
- Credit card dumps saw a marked increase in advertisements.

Overall Rank 2009	Overall Rank 2008	Item	Percentage 2009	Percentage 2008	Range of Prices
1	1	Credit card information	19%	32%	$0.85–$30
2	2	Bank account credentials	19%	19%	$15–$850
3	3	Email accounts	7%	5%	$1–$20
4	4	Email addresses	7%	5%	$1.70/MB–$15/MB
5	9	Shell scripts	6%	3%	$2–$5
6	6	Full identities	5%	4%	$0.70–$20
7	13	Credit card dumps	5%	2%	$4–$150
8	7	Mailers	4%	3%	$4–$10
9	8	Cash-out services	4%	3%	$0–$600 plus 50%–60%
10	12	Website administration credentials	4%	3%	$2–$30

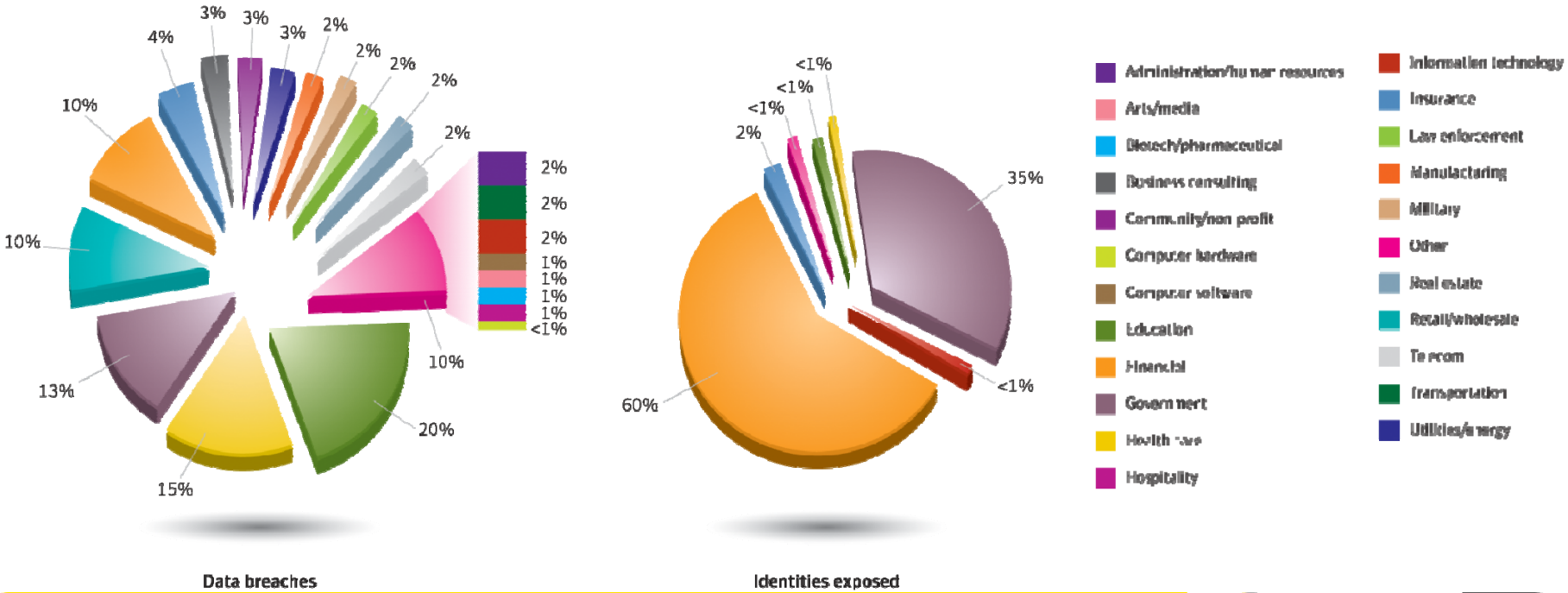
Threat Landscape
Underground Economy unaffected by global economy

- Spam and phishing attacks targeting financial services unaffected.
- 78% of phishing URLs observed target financial brands.



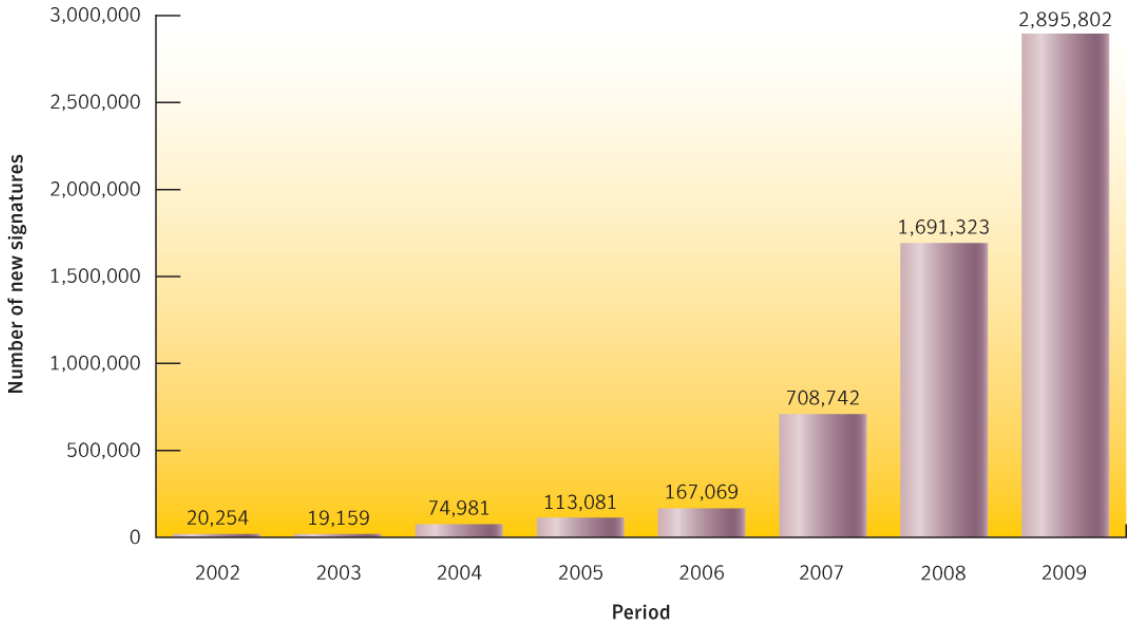
Threat Activity Trends
Data Breaches by Sector

- Information on data breaches that could lead to identity theft. Data collected is not Symantec data.
- The Education sector accounted for the majority of data breaches with 20%, followed by Healthcare (15%) and Government (13%) but Financial resulted in the most identities exposed (60%).



Malicious Code Trends
New Malicious Code Signatures

- In 2009, Symantec identified more than 240 million distinct new malicious programs, a 100% increase over 2008.
- Of the threat instances that Symantec's reputation-based techniques protected users from in 2009, approximately 57% corresponded to singletons.



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