

## BLANKROME

## Protecting Your Assets and Responding to Cybersecurity Threats

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## **Topics for Discussion**

- Board oversight of cyber risk
- Responding to ransomware attacks
- Managing supply chain risks
- Insurance coverage



### Average Cost of a Data Breach by Industry

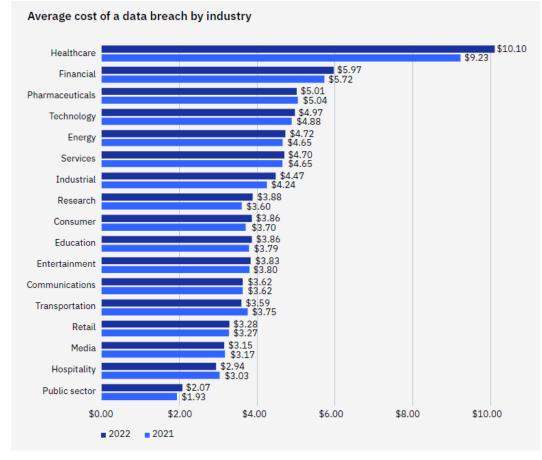


Figure 4: Measured in USD millions



### Impact of 28 factors on cost of a data breach

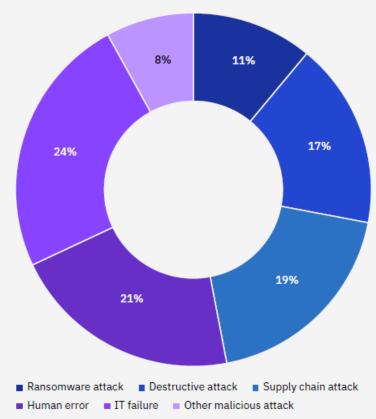
Security system complexity				\$29	90,65
Cloud migration				\$28	34,29
Compliance failures			\$258,293		
Third-party involvement			\$247,624		
Lost or stolen devices			\$227,420		
Security skills shortage			\$206,843		
IoT or OT environment impacted			\$201,354		
Remote workforce			\$15	2,465	
Managed security services		-\$69,100	l l		
Crisis management team		-\$136,244	l i		
Extensive use of DLP		-\$136,992			
CISO appointed		-\$144,915	I		
Pen and vulnerability testing		-\$156,659	l l		
Multifactor authentication	-\$186,765				
XDR technologies	-\$190,622				
Red team testing	-\$204,375				
Board-level oversight	-\$216,707				
Security analytics	-\$217,317				
Identity and access management	-\$224,396				
Participation in threat sharing	-\$237,355		l		
Insurance protection	-\$240,488				
Business continuity	-\$243,299				
Extensive tests of the IR plan	-\$246,889				
Employee training	-\$247,758		l i i i i i i i i i i i i i i i i i i i		
Extensive use of encryption	-\$252,088		I		
Formation of IR team	-\$252,897		l		
DevSecOps approach	-\$276,124		l i i i i i i i i i i i i i i i i i i i		
Artificial intelligence platform	-\$300,075				

#### Impact of key factors on the average total cost of a data breach

Figure 13: Measured in USD



## Types of breaches experienced by organizations



Types of breaches experienced by organizations



# Average time to identify and contain ransomware and destructive attacks

Average cost of a data breach for ransomware and destructive attacks

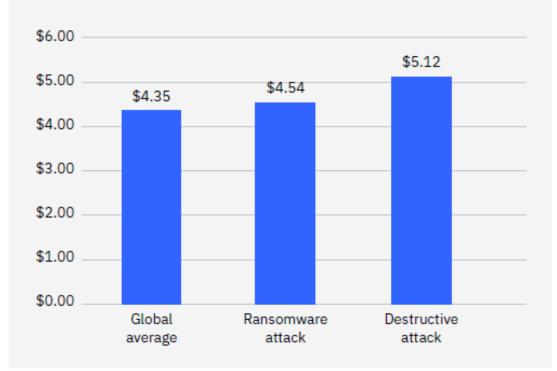


Figure 30: Measured in USD millions



## Average cost of a ransomware attack based on whether a ransom was paid

Average cost of a ransomware attack based on whether a ransom was paid

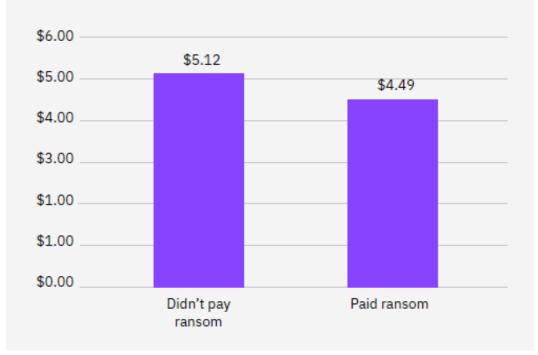
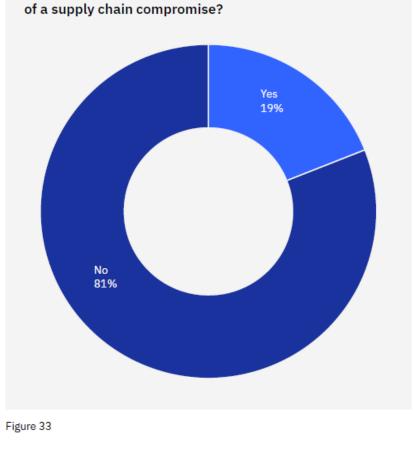


Figure 32: Measured in USD millions. Cost of ransom isn't included in this calculation.



# Was your organization breached as a result of a supply chain compromise?

Was your organization breached as a result





## Average cost of a data breach for a supply chain compromise

Average cost of a data breach for a supply chain compromise

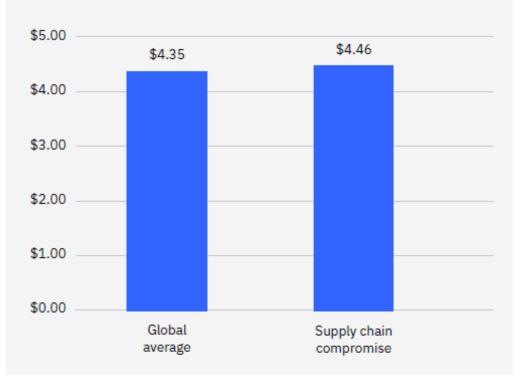


Figure 34: Measured in USD millions

