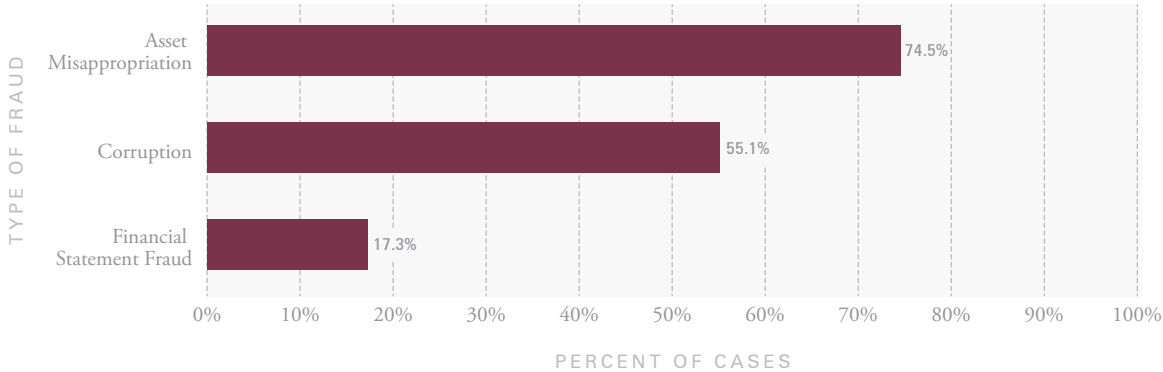


**Figure 1:** Breakdown of Cases by Country

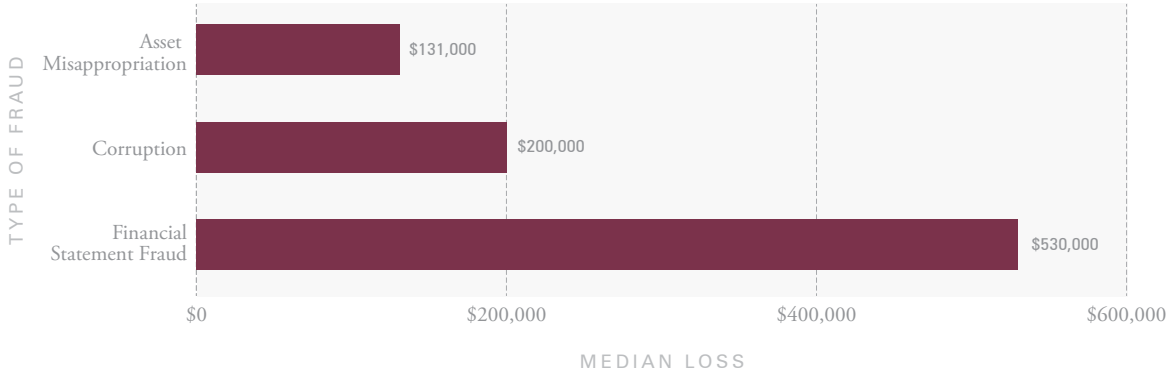
Country	Number of Cases
Albania	1
Armenia	3
Bulgaria	5
Czech Republic	8
Hungary	2
Kazakhstan	5
Kosovo	1
Montenegro	2
Poland	8
Romania	11
Russia	21
Serbia	4
Slovakia	8
Slovenia	2
Turkey	15
Ukraine	2

**Figure 2: Occupational Frauds by Category—Frequency**



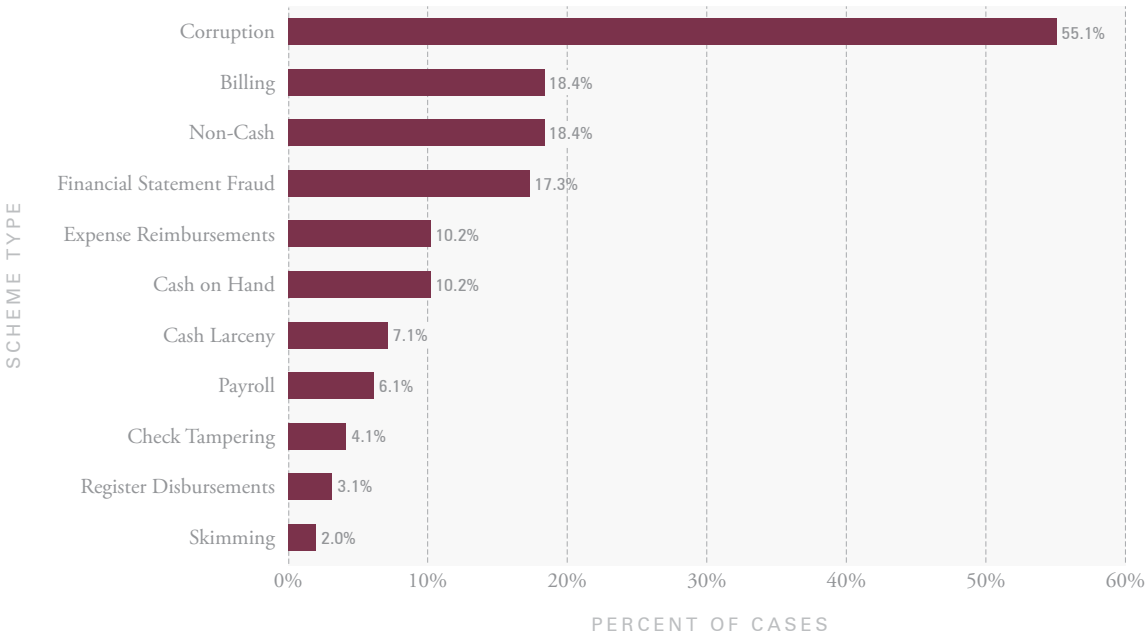
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**Figure 3: Occupational Frauds by Category—Median Loss**



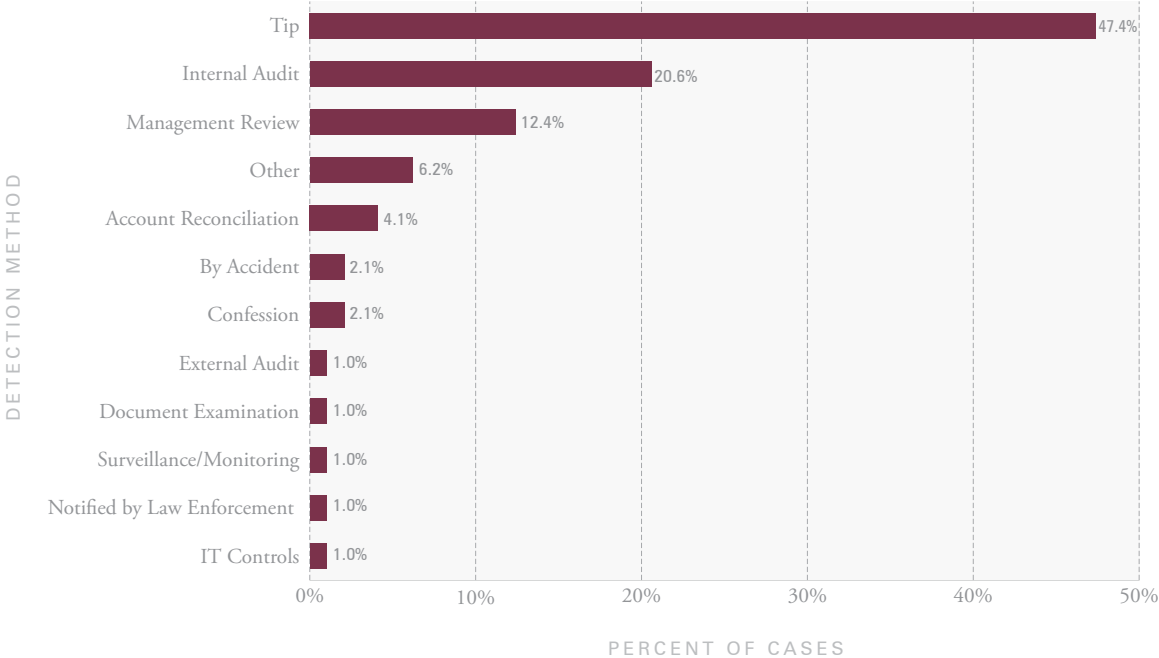
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**Figure 4: Frequency of Fraud Schemes**



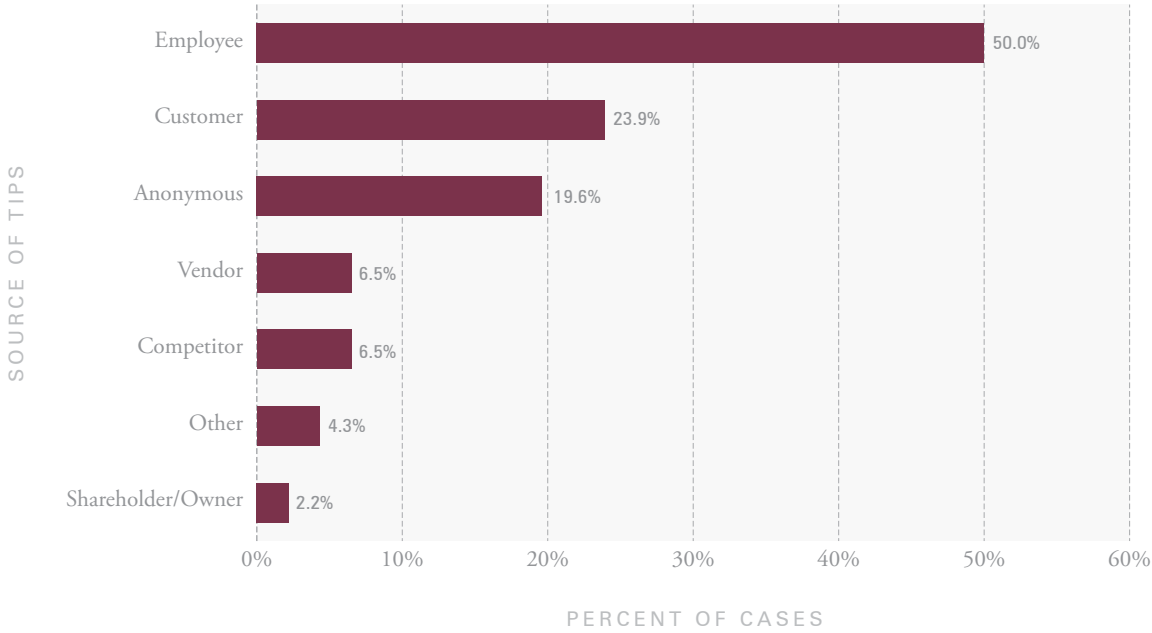
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**Figure 5: Initial Detection of Occupational Frauds**

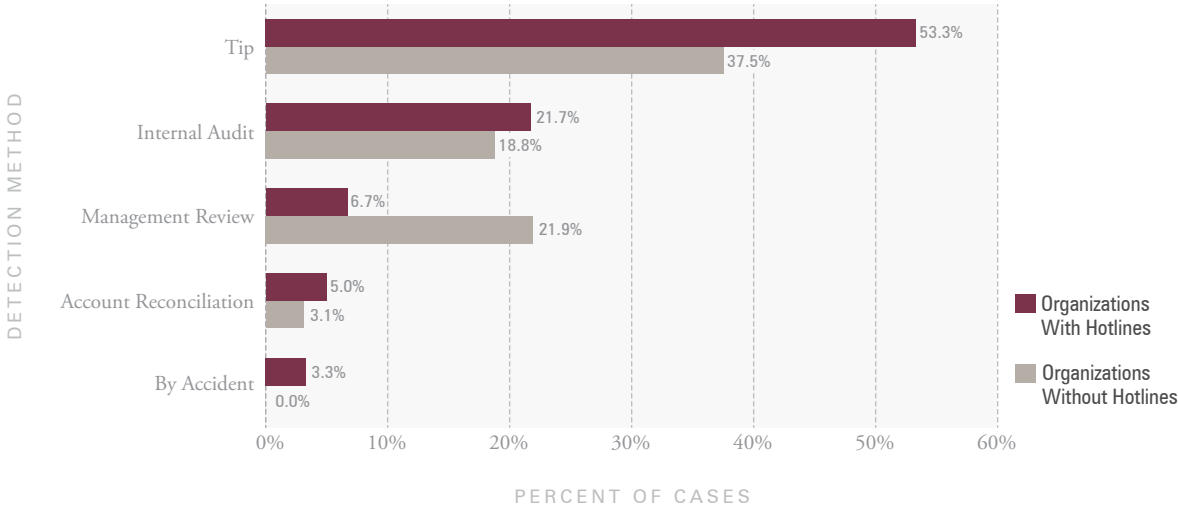


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**Figure 6: Source of Tips**

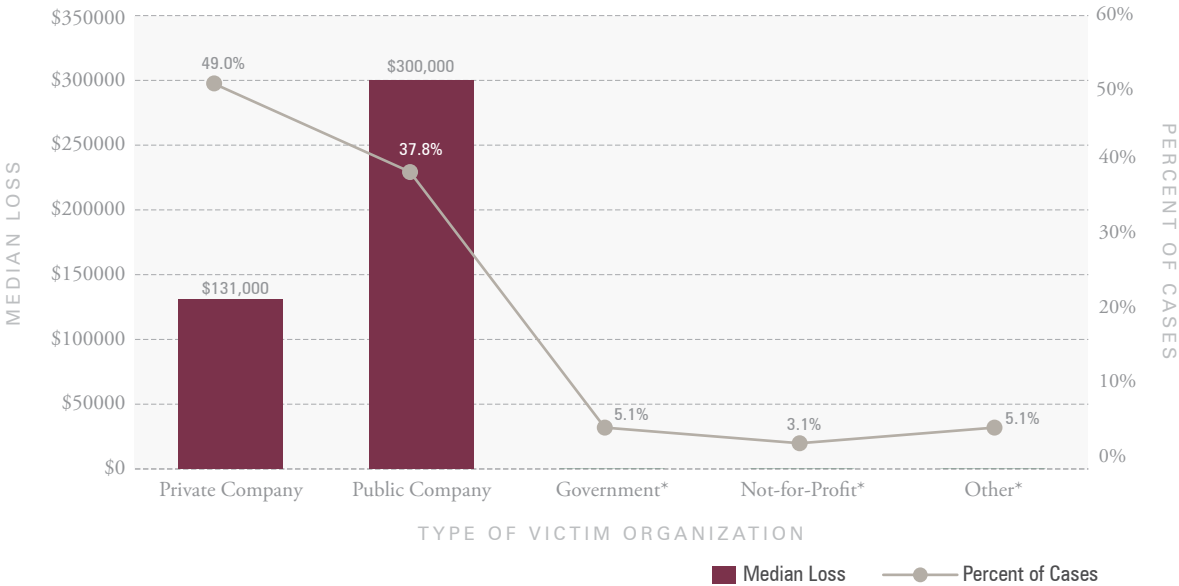


**Figure 7: Impact of Hotlines on the Top Five Detection Methods**



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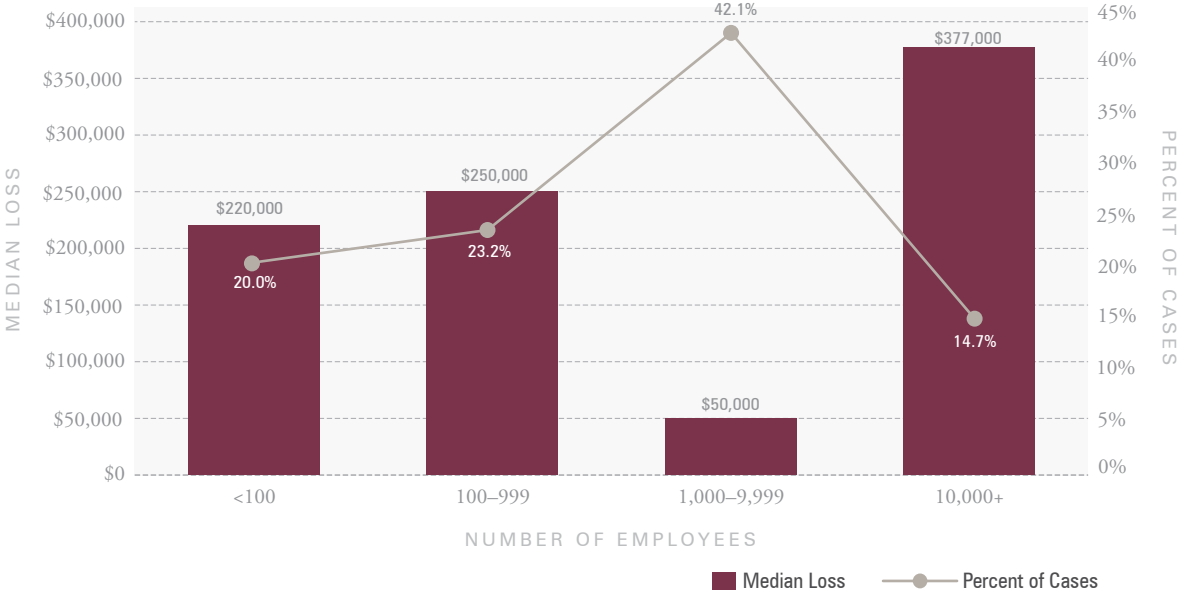
**Figure 8: Type of Victim Organization—Frequency and Median Loss**



\*Government, Other, and Not-for-Profit categories had insufficient responses for median loss calculation.

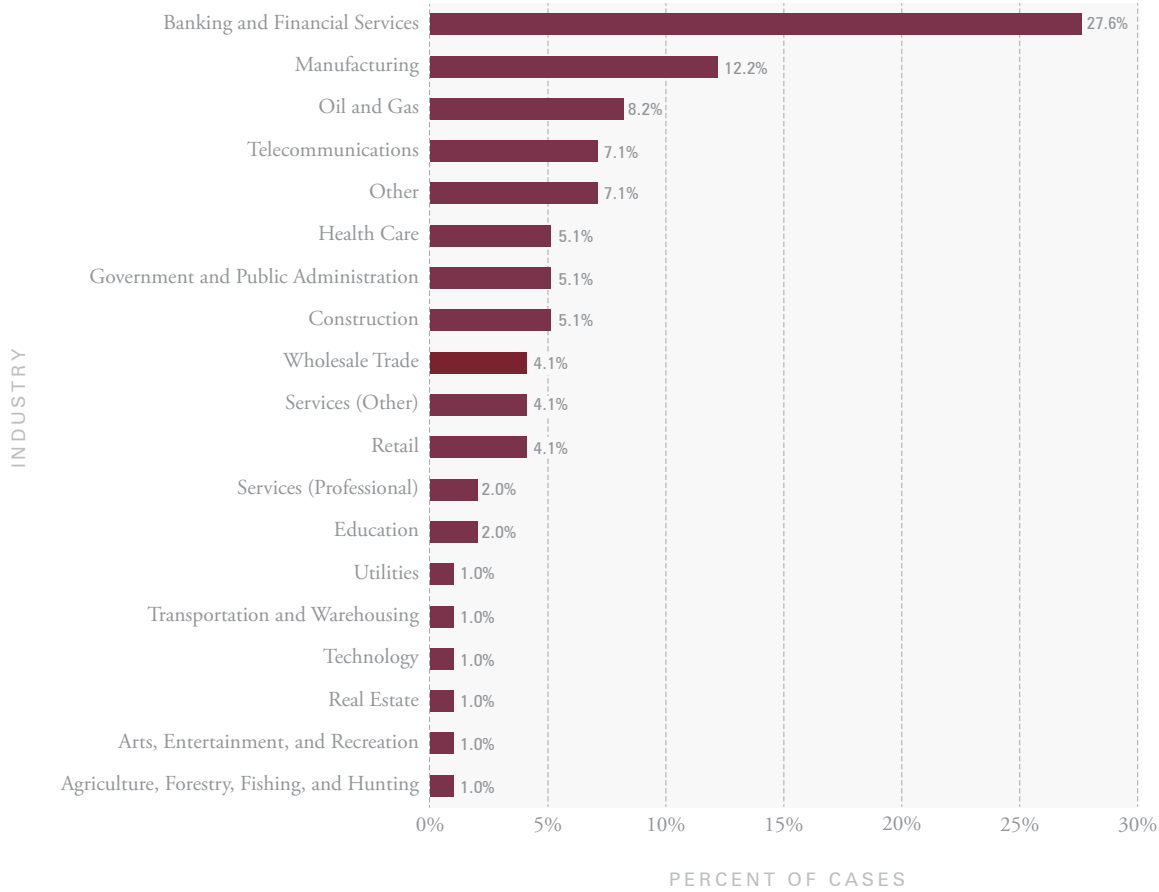


**Figure 9:** Size of Victim Organization—Frequency and Median Loss



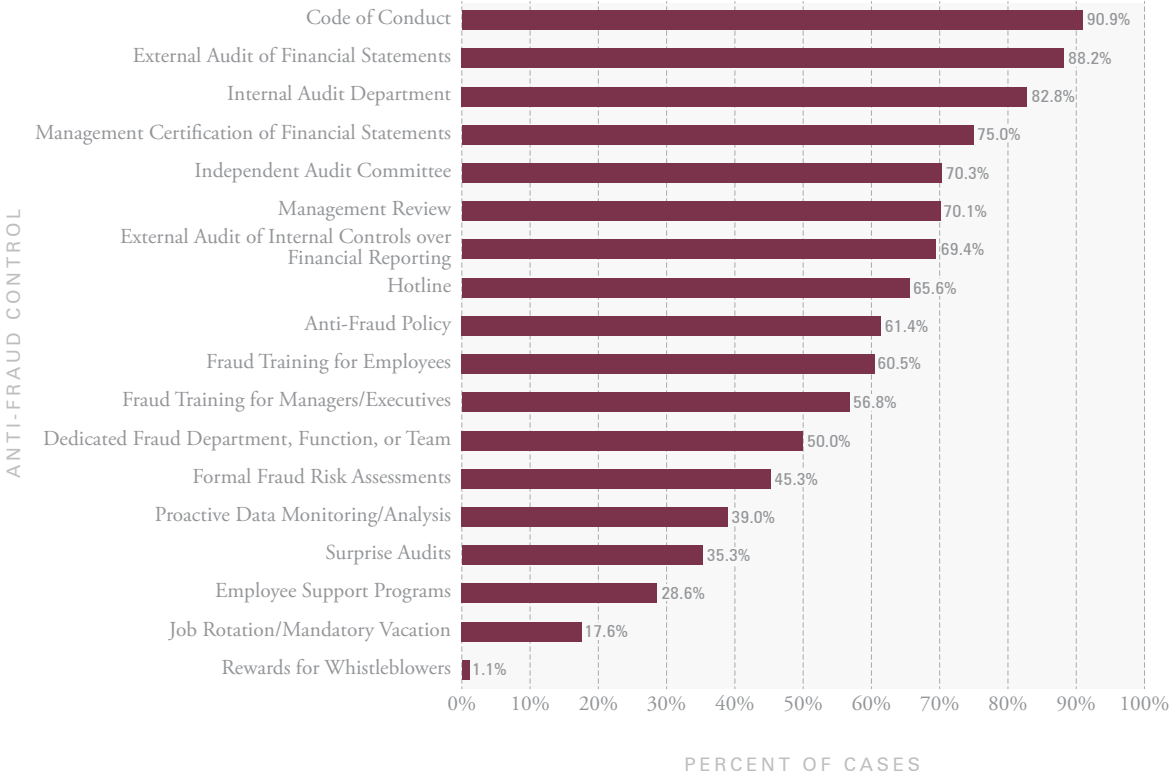
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**Figure 10: Industry of Victim Organization**



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**Figure 11: Frequency of Anti-Fraud Controls**



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**Figure 12: Median Loss Based on Presence of Anti-Fraud Controls**

Control	Percent of Cases	Control in Place	Control Not in Place	Percent Reduction
Independent Audit Committee	70.3%	\$100,000	\$1,100,000	90.9%
Management Certification of Financial Statements	75.0%	\$100,000	\$925,000	89.2%
Hotline	65.6%	\$112,000	\$850,000	86.8%
Dedicated Fraud Department, Function, or Team	50.0%	\$79,000	\$500,000	84.2%
Management Review	70.1%	\$107,000	\$675,000	84.1%
Fraud Training for Managers/Executives	56.8%	\$113,000	\$700,000	83.9%
Fraud Training for Employees	60.5%	\$106,000	\$550,000	80.7%
Surprise Audits	35.3%	\$60,000	\$240,000	75.0%
Anti-Fraud Policy	61.4%	\$100,000	\$375,000	73.3%
Job Rotation/Mandatory Vacation	17.6%	\$74,000	\$275,000	73.1%
Employee Support Programs	28.6%	\$67,000	\$215,000	68.8%
Proactive Data Monitoring/Analysis	39.0%	\$100,000	\$270,000	63.0%
Formal Fraud Risk Assessments	45.3%	\$114,000	\$300,000	62.0%
External Audit of Internal Controls over Financial Reporting	69.4%	\$132,000	\$270,000	51.1%
Internal Audit Department	82.8%	\$141,000	\$265,000	46.8%
External Audit of Financial Statements	88.2%	\$150,000	\$150,000	0.0%
Code of Conduct	90.9%	\$150,000	*	
Rewards for Whistleblowers	1.1%	*	\$200,000	

\*Category had insufficient responses for median loss calculation.

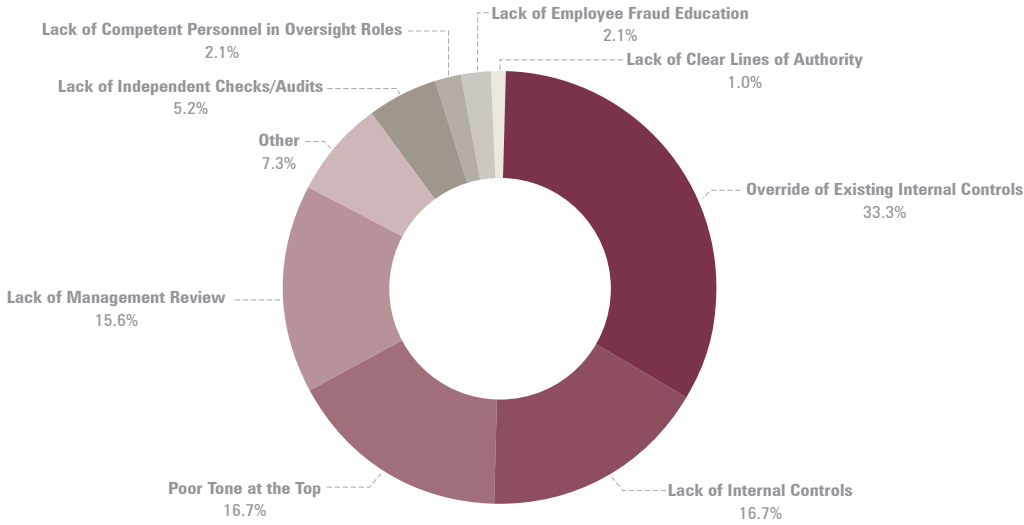
**Figure 13: Median Duration of Fraud Based on Presence of Anti-Fraud Controls**

Control	Percent of Cases	Control in Place	Control Not in Place	Percent Reduction
Surprise Audits	35.3%	13 months	20 months	35.0%
Employee Support Programs	28.6%	13 months	20 months	35.0%
Hotline	65.6%	17 months	26 months	34.6%
Internal Audit Department	82.8%	18 months	26 months	30.8%
Independent Audit Committee	70.3%	18 months	25 months	28.0%
External Audit of Internal Controls over Financial Reporting	69.4%	18 months	25 months	28.0%
Job Rotation/Mandatory Vacation	17.6%	17 months	23 months	26.1%
Management Certification of Financial Statements	75.0%	18 months	24 months	25.0%
Management Review	70.1%	18 months	24 months	25.0%
Dedicated Fraud Department, Function, or Team	50.0%	18 months	24 months	25.0%
Formal Fraud Risk Assessments	45.3%	18 months	24 months	25.0%
Proactive Data Monitoring/Analysis	39.0%	18 months	24 months	25.0%
Anti-Fraud Policy	61.4%	18 months	22 months	18.2%
Fraud Training for Employees	60.5%	20 months	24 months	16.7%
Fraud Training for Managers/Executives	56.8%	20 months	24 months	16.7%
External Audit of Financial Statements	88.2%	20 months	16 months	-25.0%
Code of Conduct	90.9%	20 months	*	
Rewards for Whistleblowers	1.1%	*	20 months	

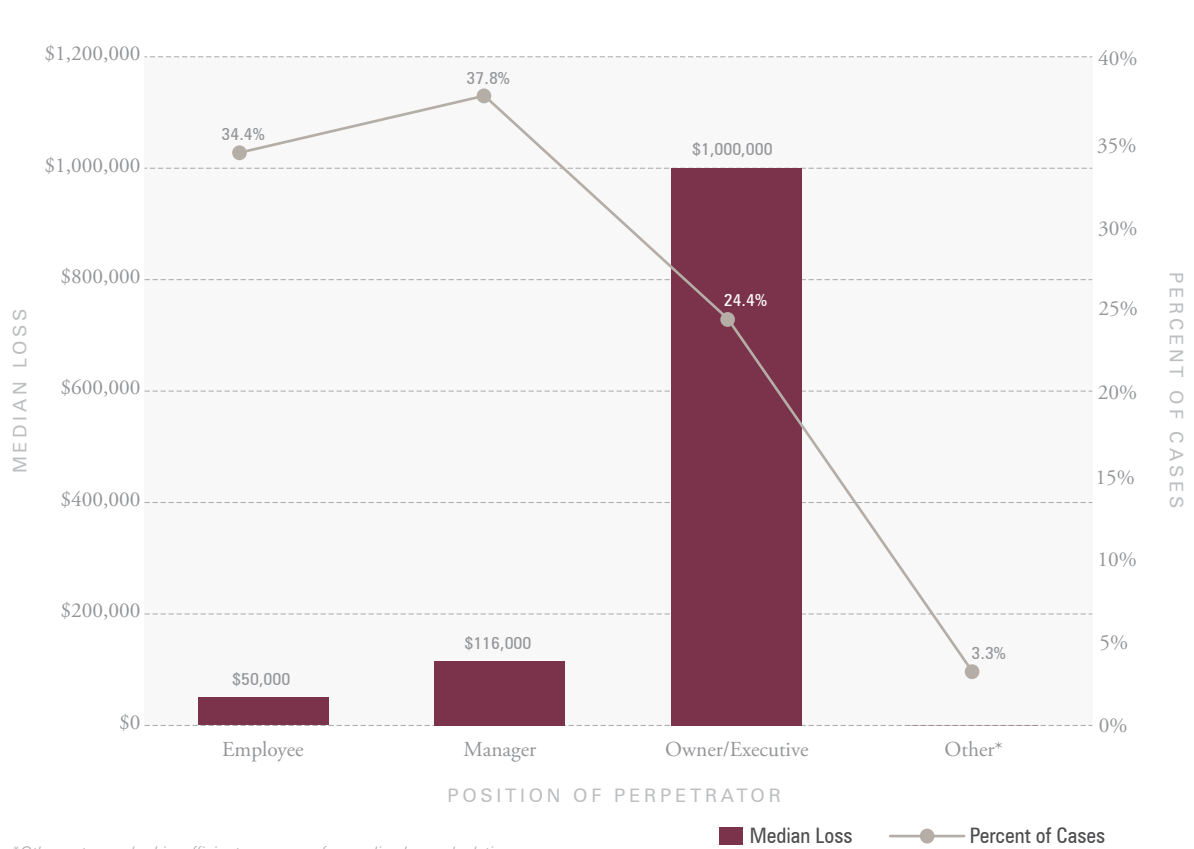
\*Category had insufficient responses for median duration calculation.

**Figure 14:** Primary Internal Control Weakness Observed by CFE

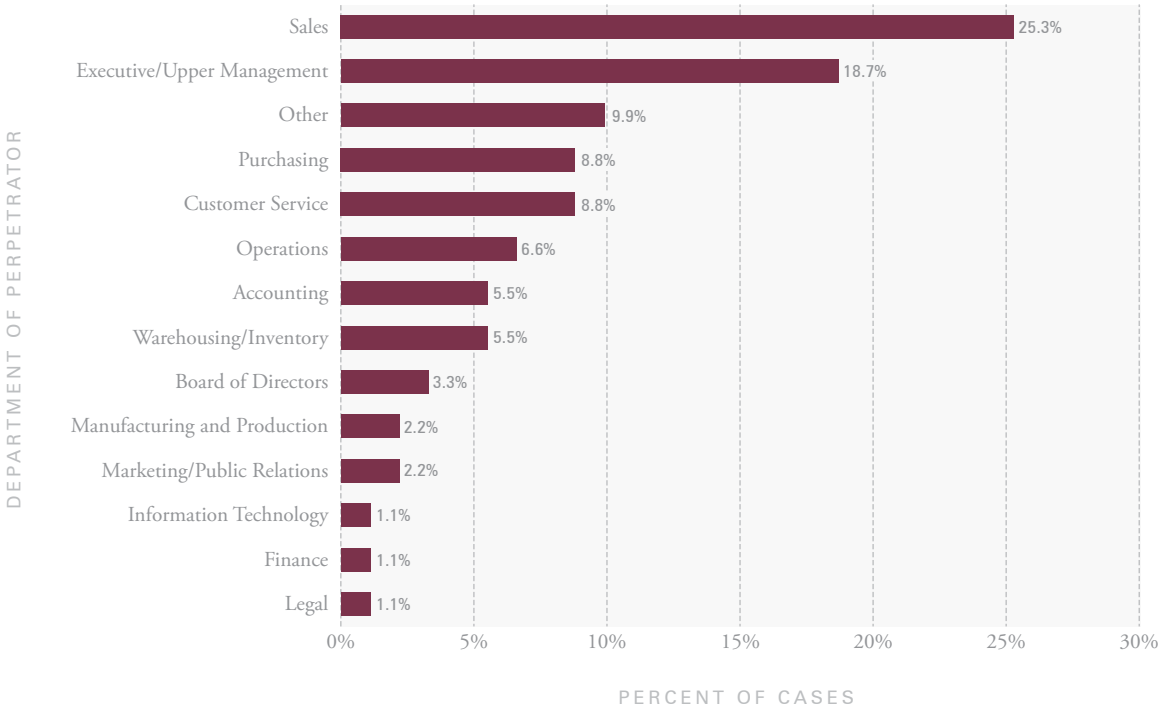
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**Figure 15: Position of Perpetrator—Frequency and Median Loss**



**Figure 16: Department of Perpetrator—Frequency**

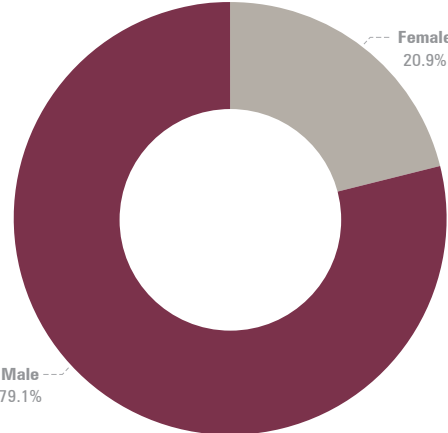


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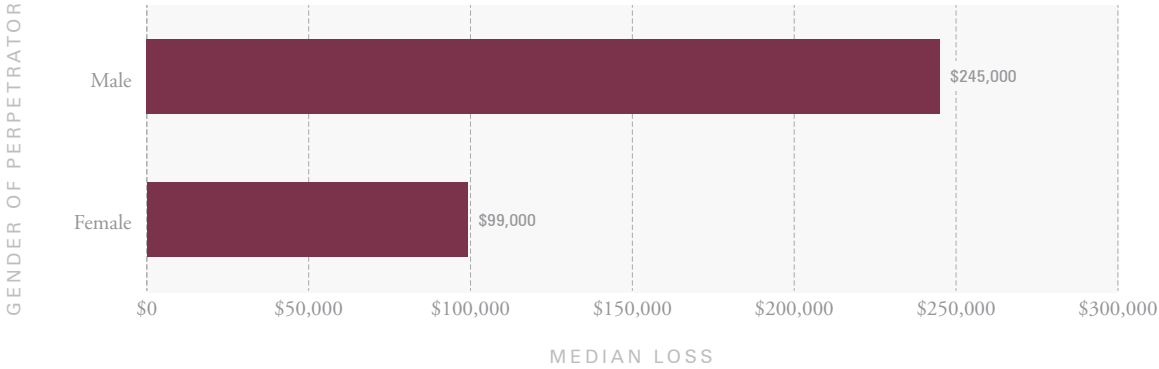


**Figure 17:** Gender of Perpetrator—Frequency

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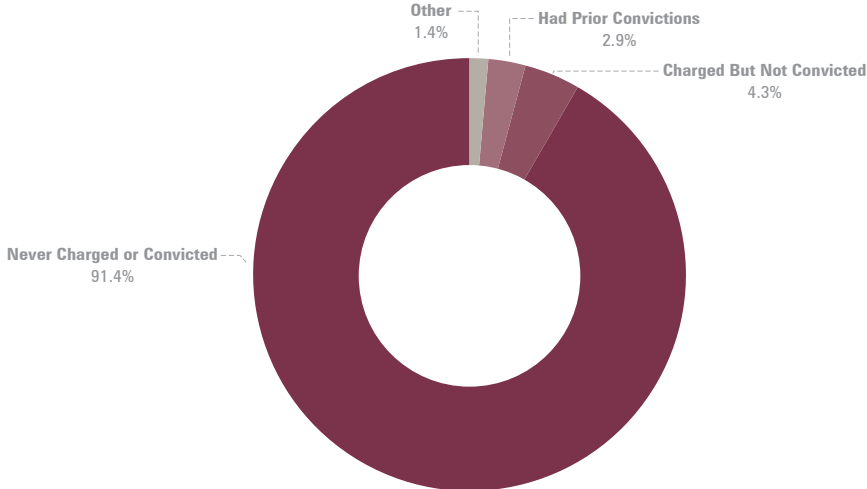
**Figure 18:** Gender of Perpetrator—Median Loss



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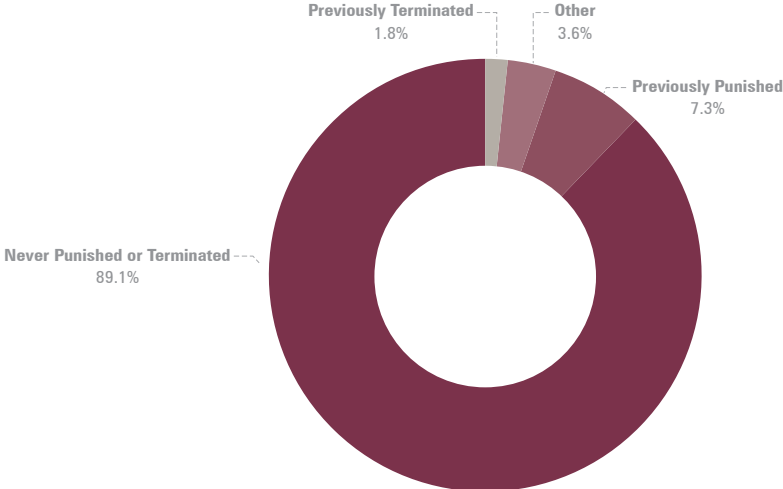
**Figure 19: Criminal Background of Perpetrator**

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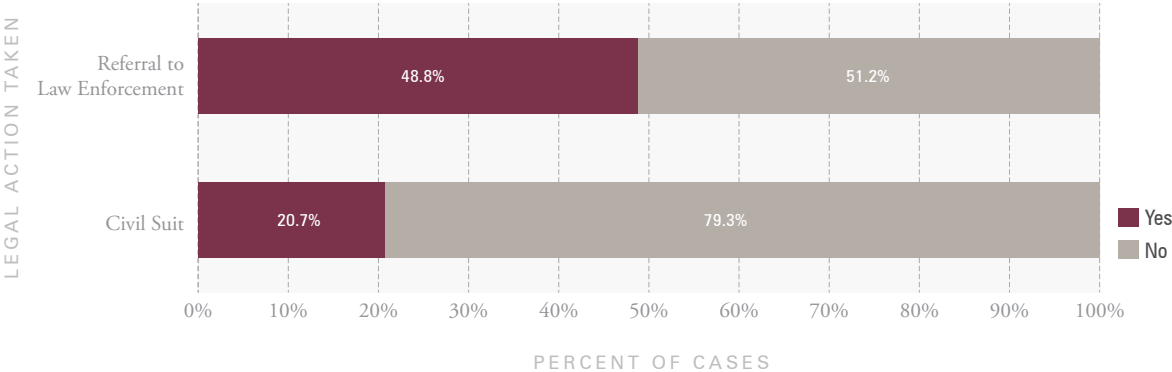


**Figure 20:** Employment Background of Perpetrator

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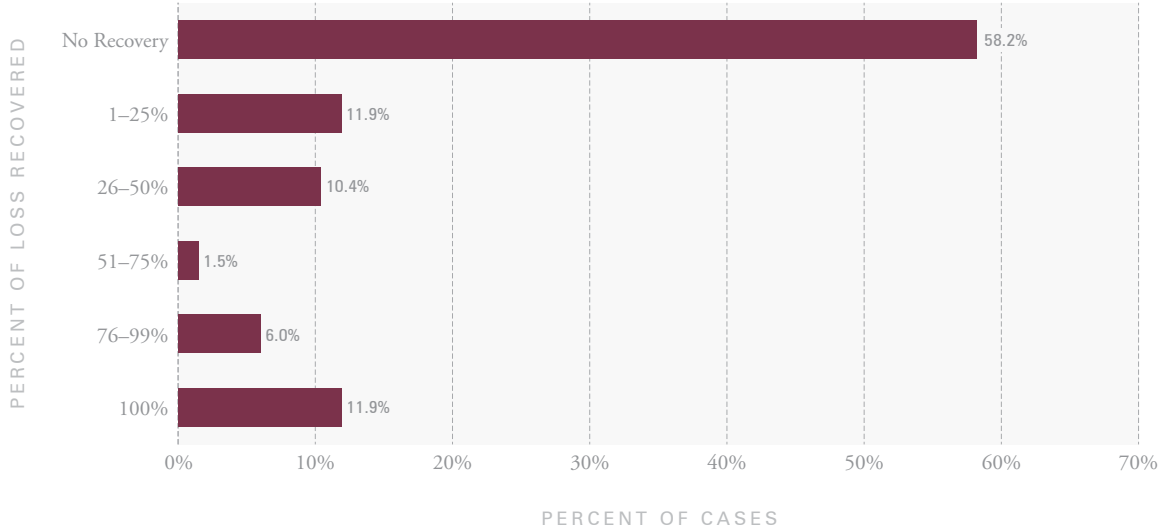


**Figure 21: Cases Resulting in Referral to Law Enforcement or Civil Suit**



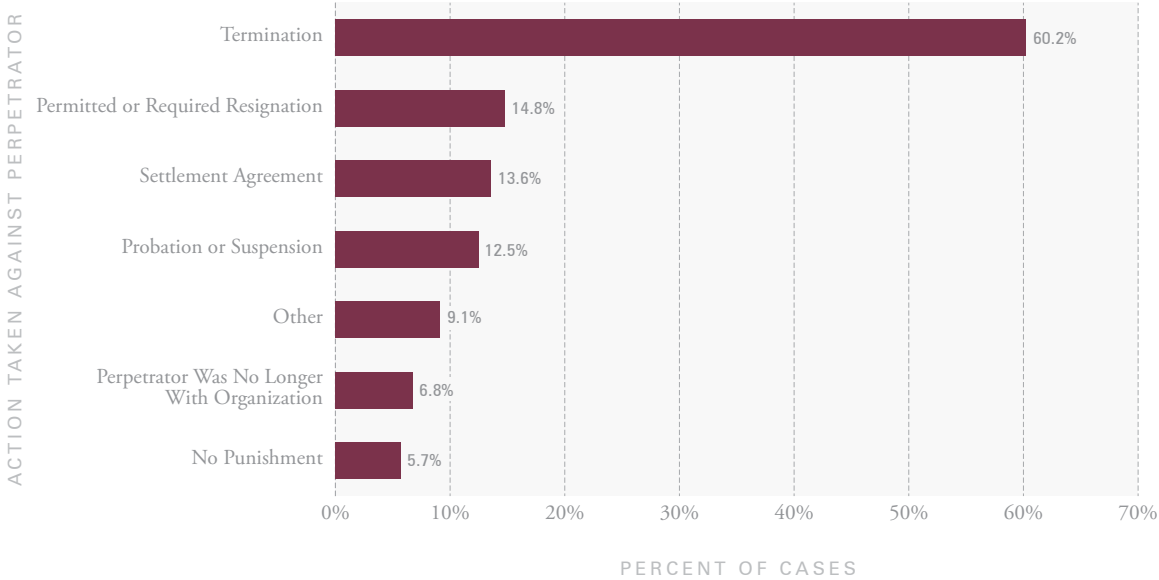
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**Figure 22:** Recovery of Victim Organization's Losses



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**Figure 23: Action Taken Against Perpetrator**



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