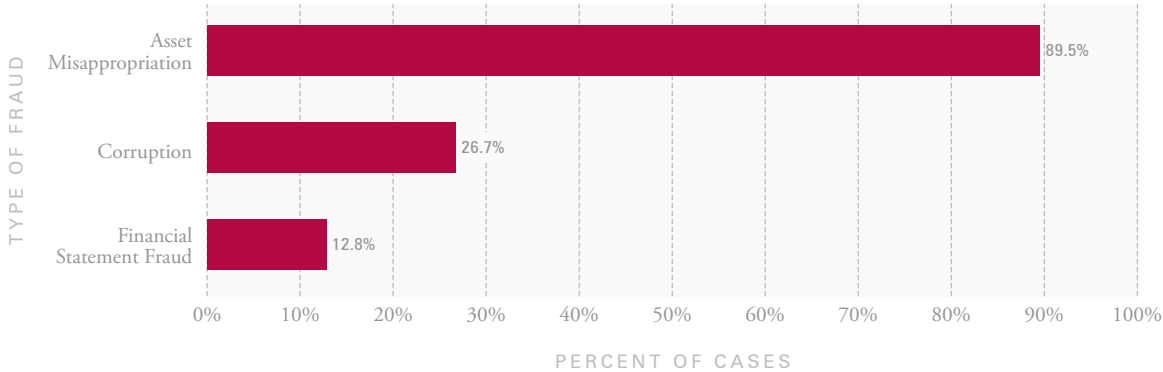
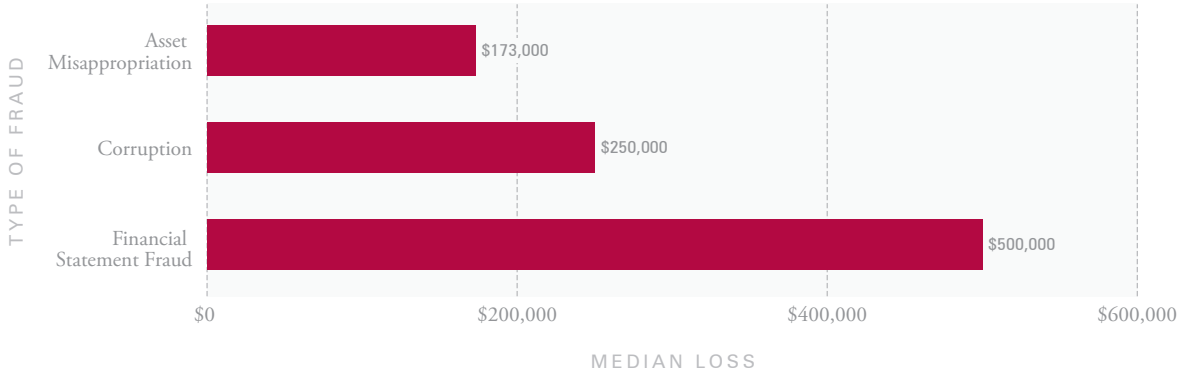


Figure 1: Occupational Frauds by Category—Frequency



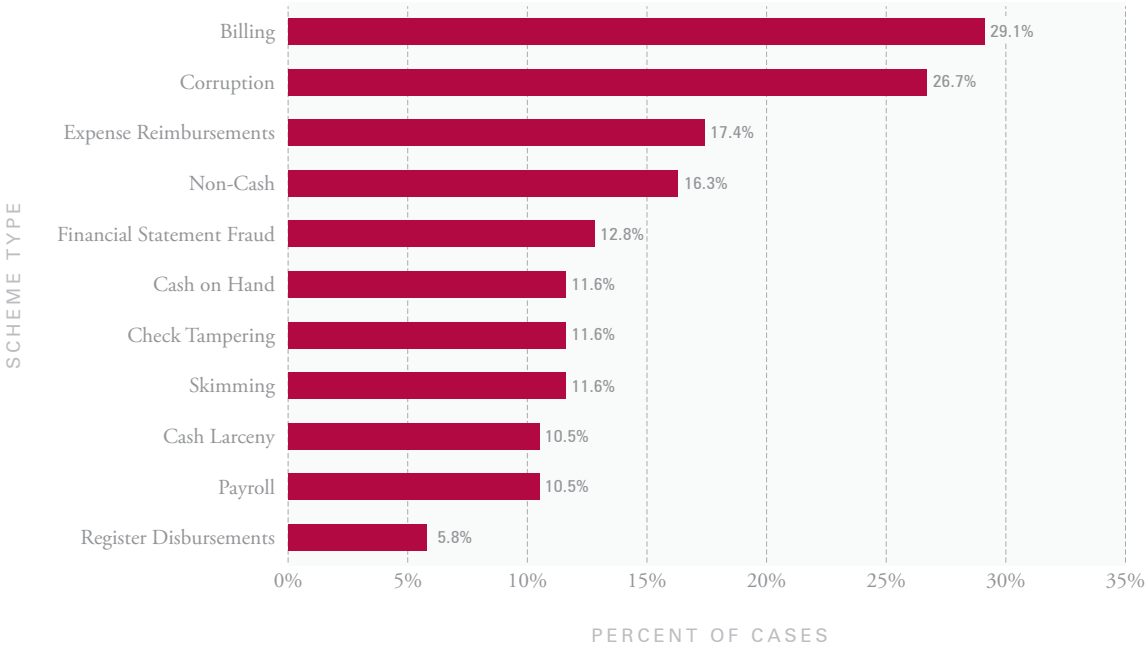
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Figure 2: Occupational Frauds by Category—Median Loss



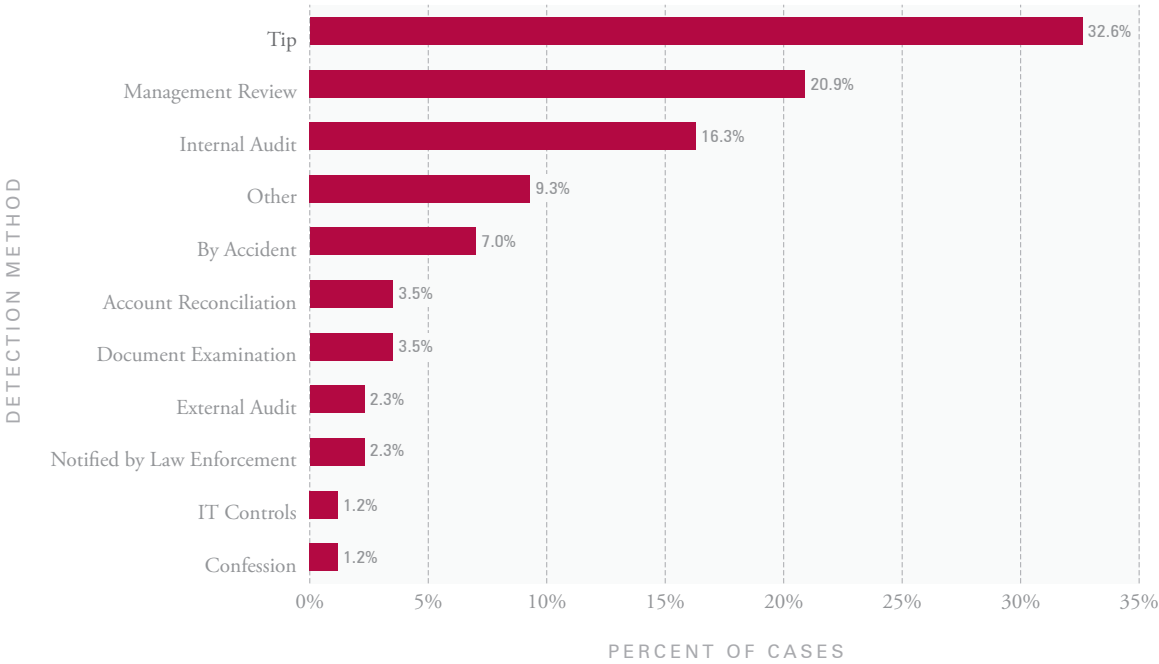
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Figure 3: Frequency of Fraud Schemes



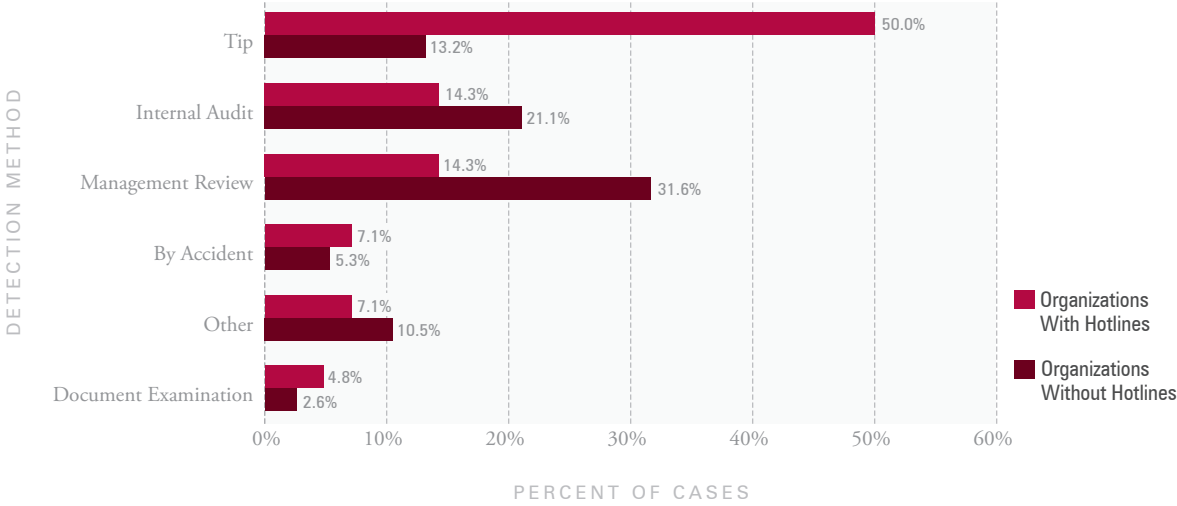
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Figure 4: Initial Detection of Occupational Frauds



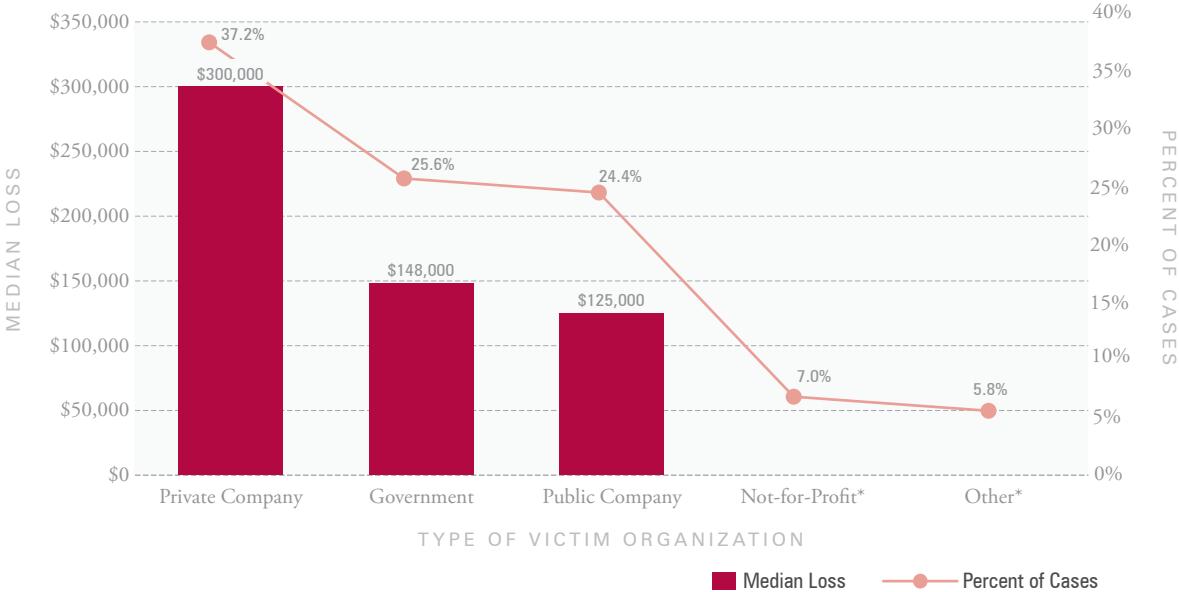
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Figure 5: Impact of Hotlines on the Top Six Detection Methods



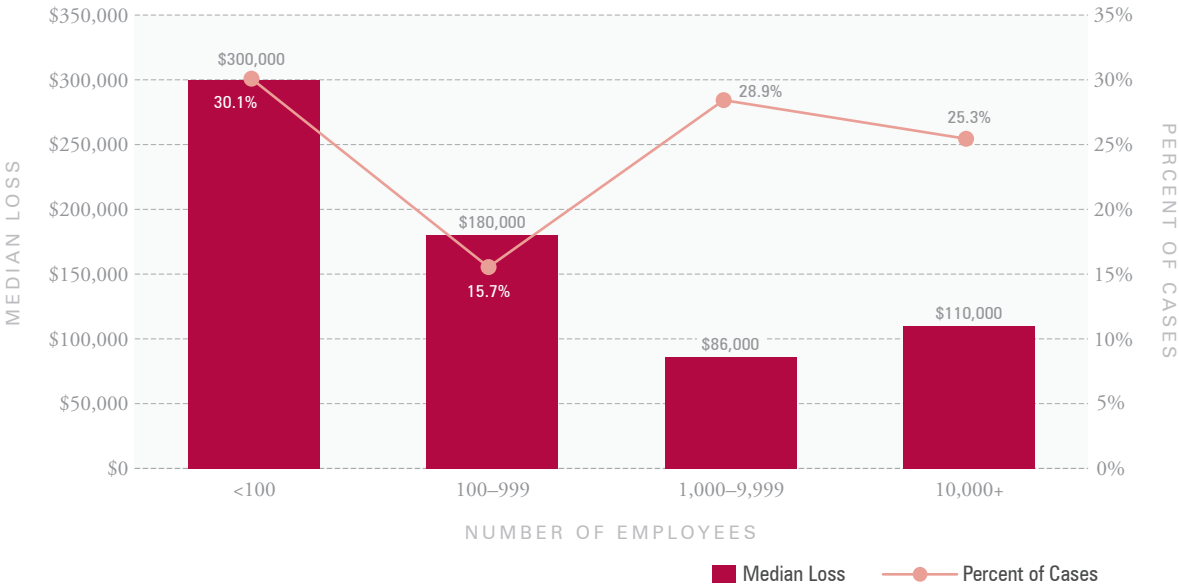
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Figure 6: Type of Victim Organization—Frequency and Median Loss



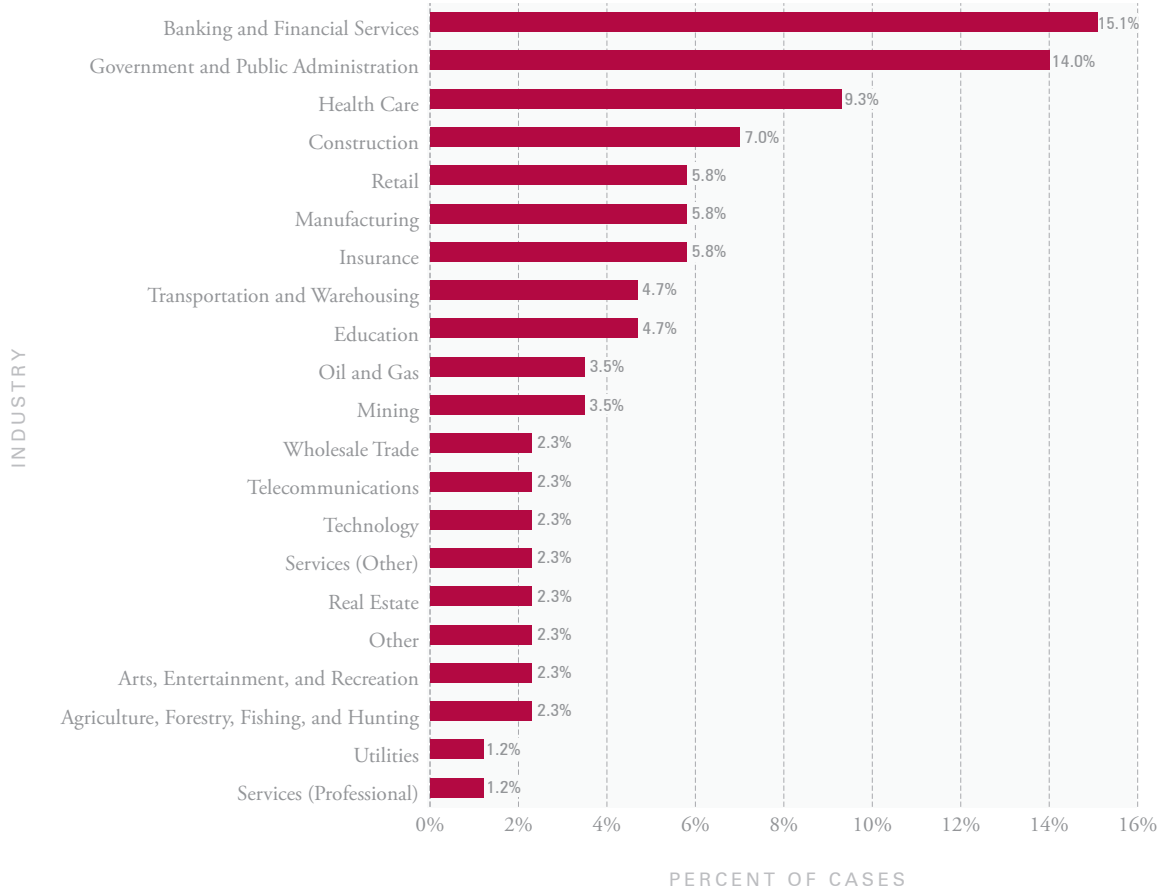
*Not-for-Profit and Other categories had insufficient responses for median loss calculation.

Figure 7: Size of Victim Organization—Frequency and Median Loss



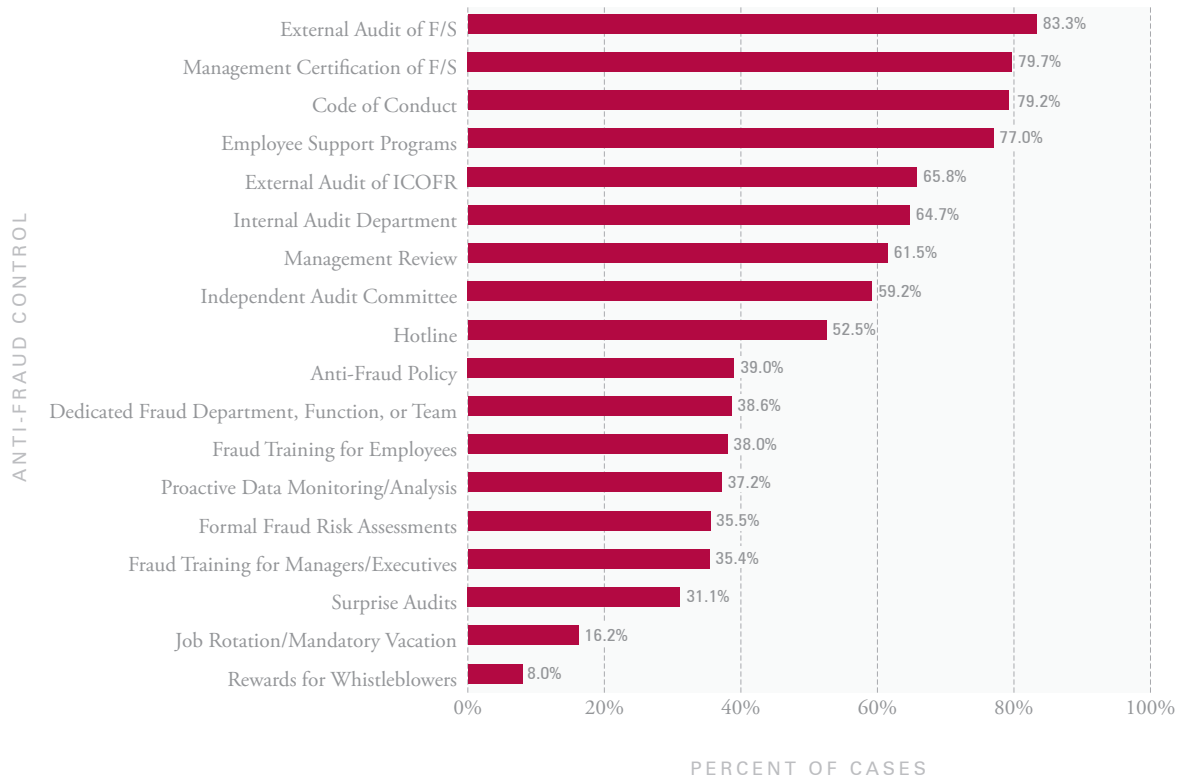
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Figure 8: Industry of Victim Organization



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Figure 9: Frequency of Anti-Fraud Controls



Key:

External Audit of F/S = Independent External Audits of the Organization's Financial Statements

Management Certification of F/S = Management Certification of the Organization's Financial Statements

External Audit of ICOFR = Independent External Audits of the Organization's Internal Controls Over Financial Reporting

Figure 10: Median Loss Based on Presence of Anti-Fraud Controls*

Control	Percent of Cases	Control in Place	Control Not in Place	Percent Reduction
Job Rotation/Mandatory Vacation	16.2%	\$16,000	\$250,000	93.6%
External Audit of Financial Statements	83.3%	\$135,000	\$750,000	82.0%
Internal Audit Department	64.7%	\$112,000	\$396,000	71.7%
Surprise Audits	31.1%	\$80,000	\$250,000	68.0%
Formal Fraud Risk Assessments	35.5%	\$80,000	\$250,000	68.0%
Employee Support Programs	77.0%	\$125,000	\$350,000	64.3%
Anti-Fraud Policy	39.0%	\$98,000	\$250,000	60.8%
Hotline	52.5%	\$111,000	\$250,000	55.6%
External Audit of Internal Controls over Financial Reporting	65.8%	\$111,000	\$250,000	55.6%
Dedicated Fraud Department, Function, or Team	38.6%	\$118,000	\$250,000	52.8%
Independent Audit Committee	59.2%	\$125,000	\$250,000	50.0%
Management Review	61.5%	\$138,000	\$250,000	44.8%
Proactive Data Monitoring/Analysis	37.2%	\$112,000	\$200,000	44.0%
Fraud Training for Employees	38.0%	\$118,000	\$200,000	41.0%
Fraud Training for Managers/Executives	35.4%	\$128,000	\$175,000	26.9%
Code of Conduct	79.2%	\$150,000	\$188,000	20.2%
Management Certification of Financial Statements	79.7%	\$150,000	\$175,000	14.3%

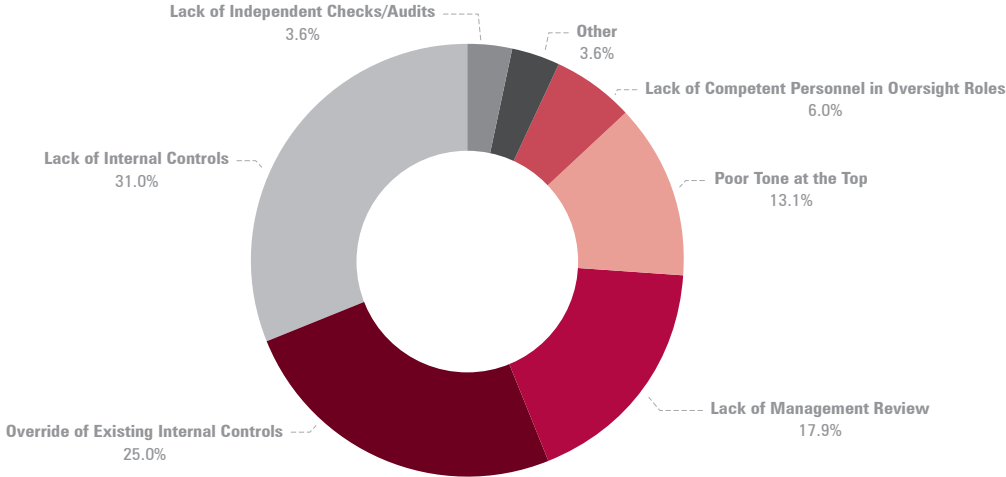
*Rewards for Whistleblowers was omitted from this table due to insufficient responses for median loss calculation.

Figure 11: Median Duration of Fraud Based on Presence of Anti-Fraud Controls*

Control	Percent of Cases	Control in Place	Control Not in Place	Percent Reduction
Employee Support Programs	77.0%	13 months	42 months	69.0%
Dedicated Fraud Department, Function, or Team	38.6%	12 months	36 months	66.7%
Internal Audit Department	64.7%	12 months	36 months	66.7%
Independent Audit Committee	59.2%	13 months	36 months	63.9%
External Audit of Internal Controls over Financial Reporting	65.8%	12 months	33 months	63.6%
Hotline	52.5%	12 months	30 months	60.0%
Management Review	61.5%	12 months	24 months	50.0%
Surprise Audits	31.1%	12 months	24 months	50.0%
Formal Fraud Risk Assessments	35.5%	12 months	24 months	50.0%
Fraud Training for Managers/Executives	35.4%	12 months	24 months	50.0%
Anti-Fraud Policy	39.0%	12 months	24 months	50.0%
Fraud Training for Employees	38.0%	12 months	24 months	50.0%
Job Rotation/Mandatory Vacation	16.2%	15 months	24 months	37.5%
Proactive Data Monitoring/Analysis	37.2%	15 months	24 months	37.5%
Management Certification of Financial Statements	79.7%	18 months	24 months	25.0%
Code of Conduct	79.2%	24 months	24 months	0.0%
External Audit of Financial Statements	83.3%	24 months	24 months	0.0%

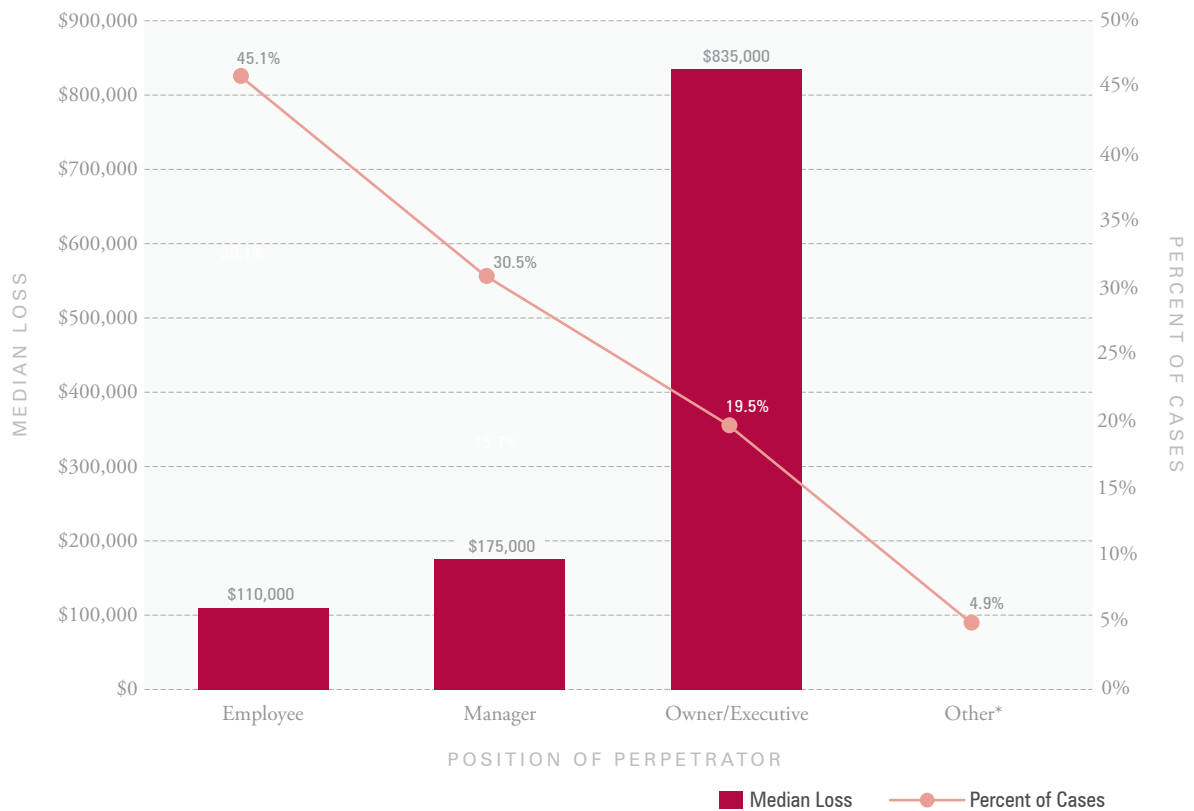
*Rewards for Whistleblowers was omitted from this table due to insufficient responses for median duration calculation.

Figure 12: Primary Internal Control Weakness Observed by CFE



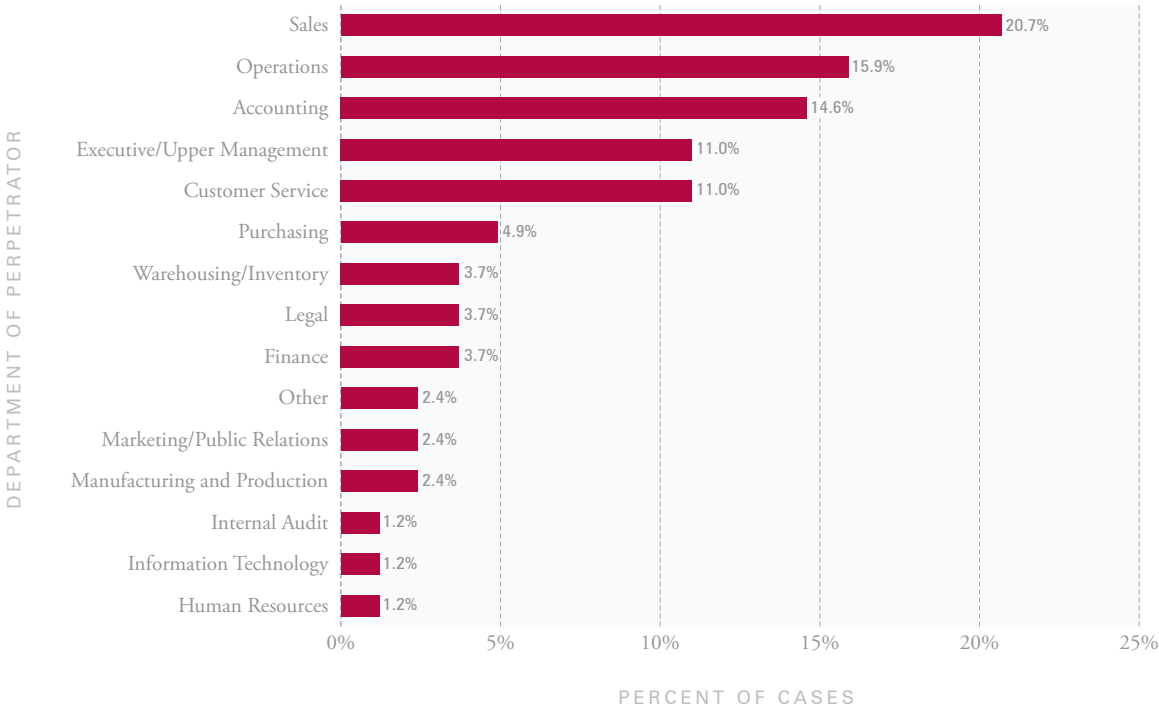
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Figure 13: Position of Perpetrator—Frequency and Median Loss



*Other category had insufficient responses for median loss calculation.

Figure 14: Department of Perpetrator—Frequency



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Figure 15: Gender of Perpetrator—Frequency

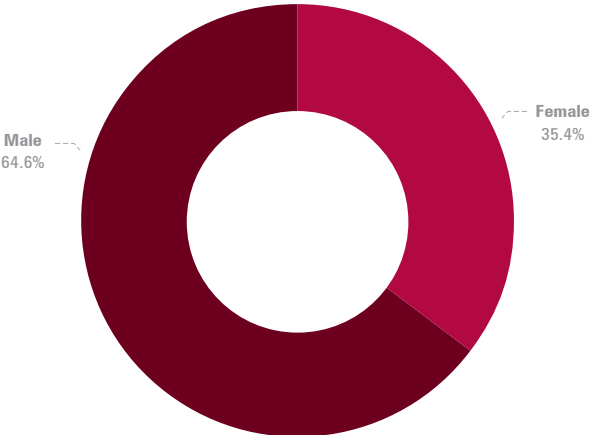
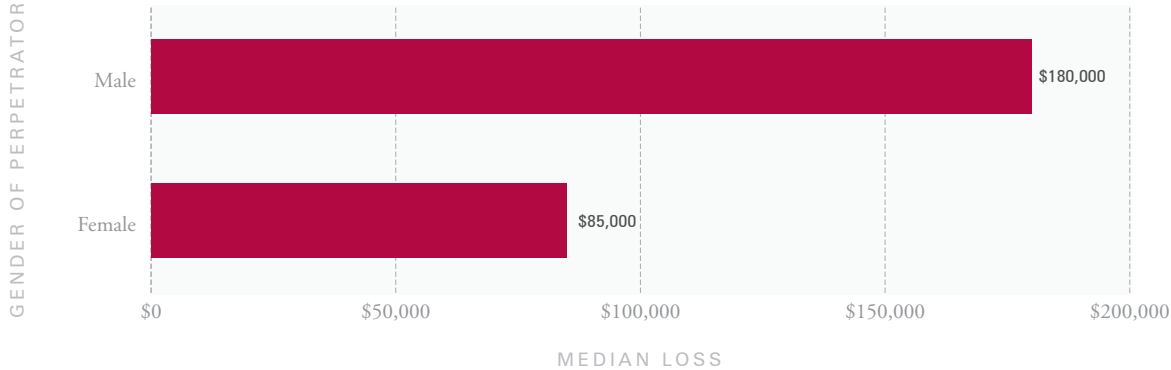


Figure 16: Gender of Perpetrator—Median Loss



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Figure 17: Criminal Background of Perpetrator

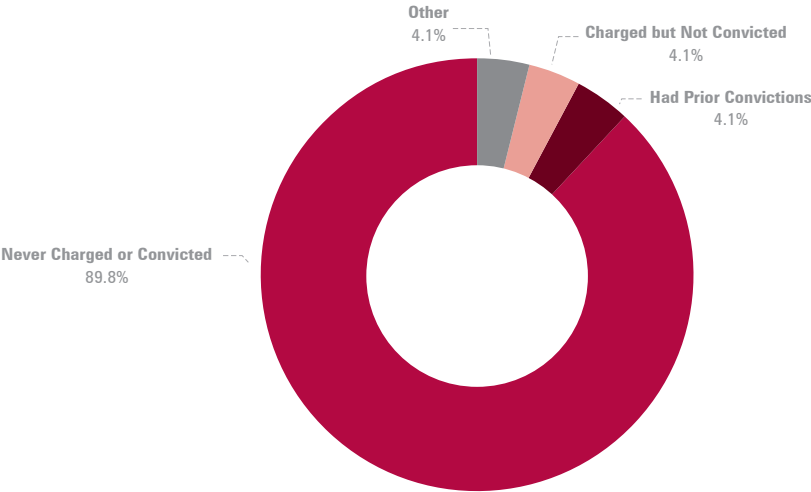


Figure 18: Employment Background of Perpetrator

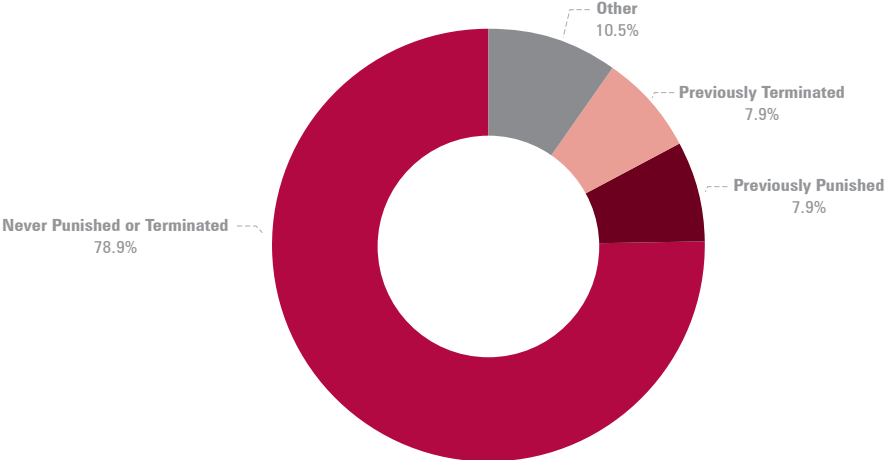
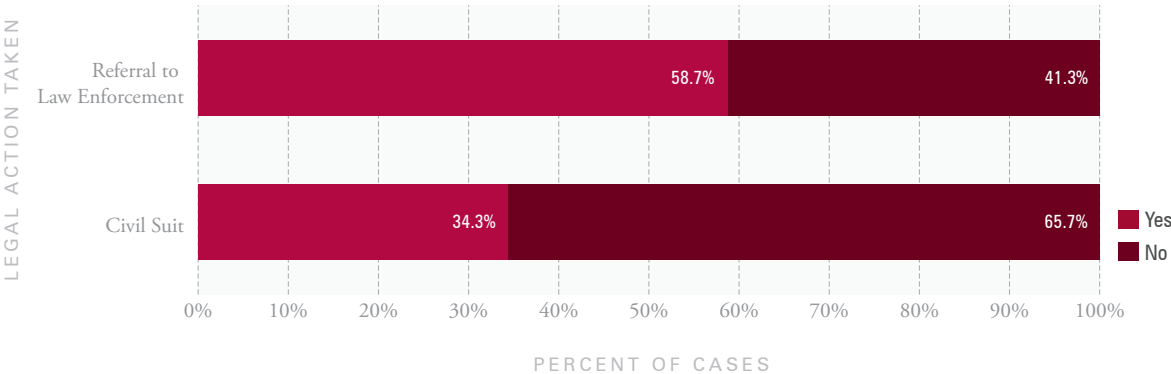
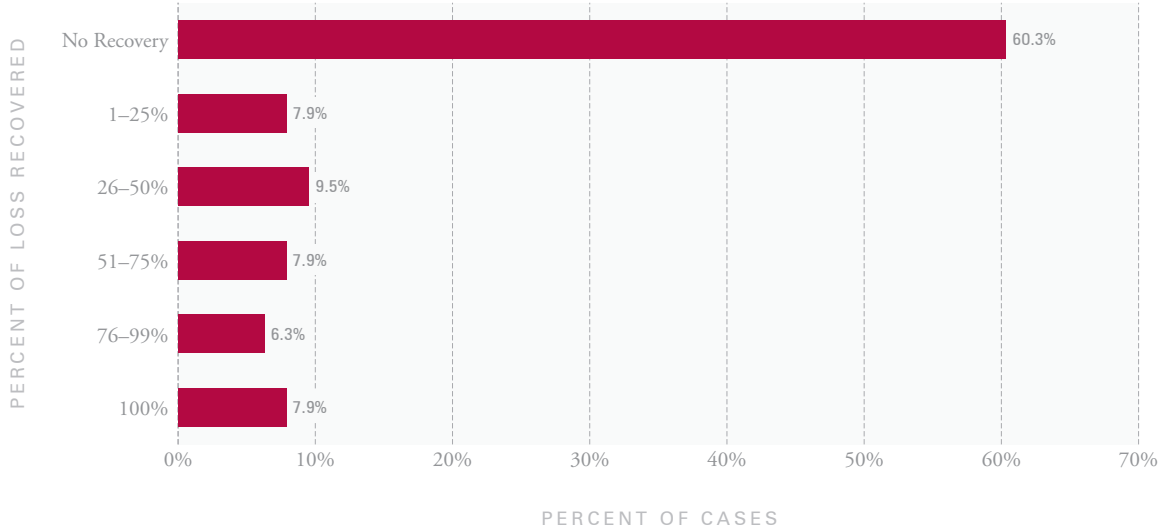


Figure 19: Cases Resulting in Referral to Law Enforcement or Civil Suit



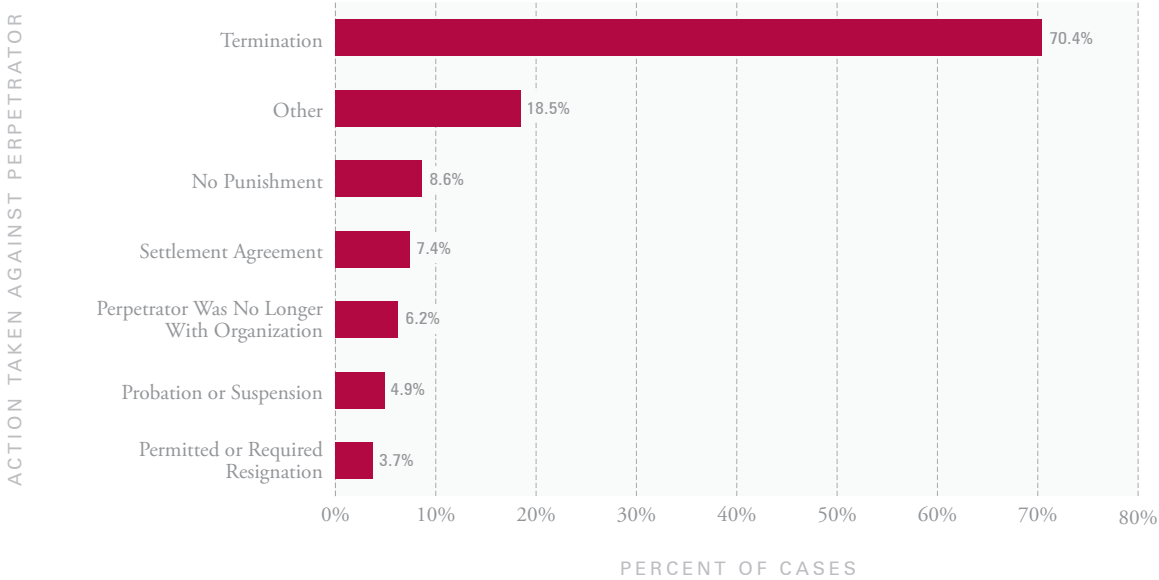
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Figure 20: Recovery of Victim Organization's Losses



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Figure 21: Action Taken Against Perpetrator



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