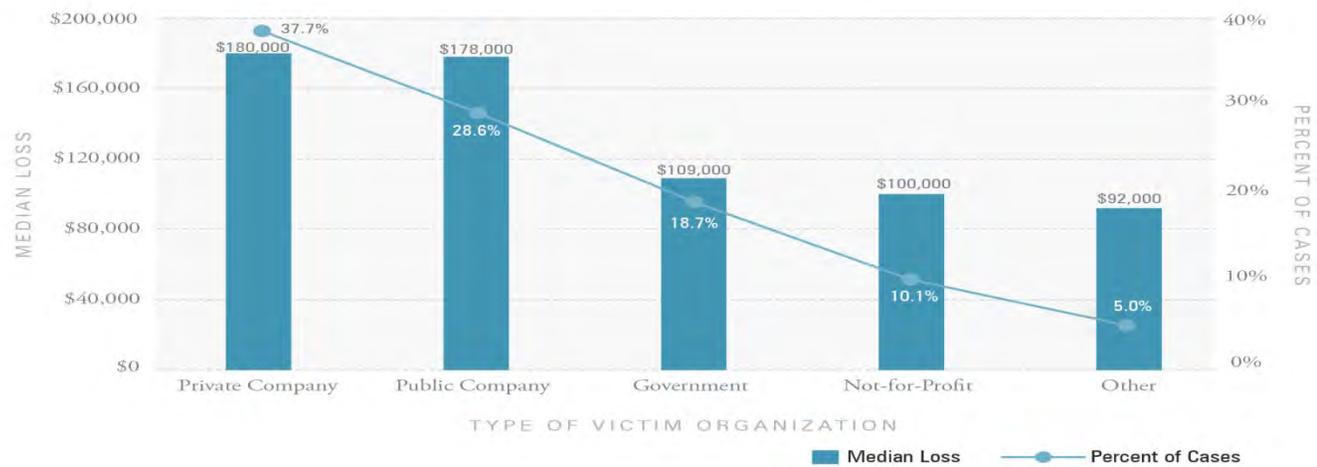
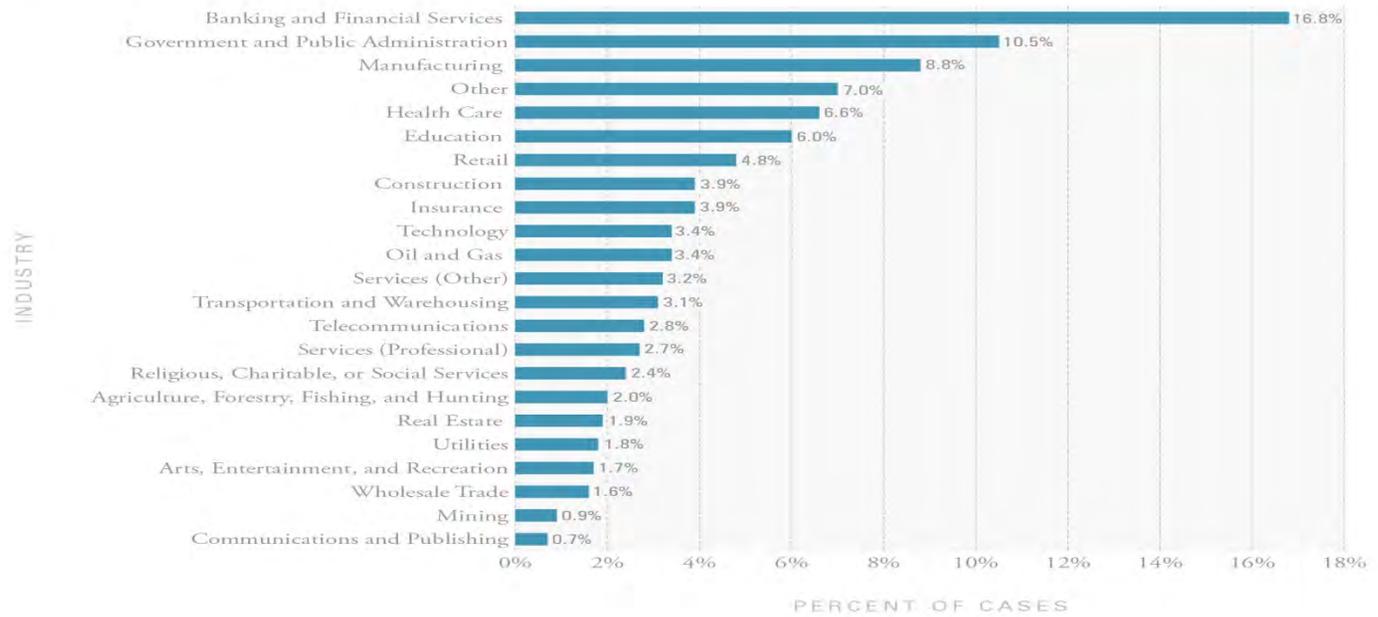


**Figure 38: Type of Victim Organization—Frequency and Median Loss**



**Figure 43: Industry of Victim Organizations**

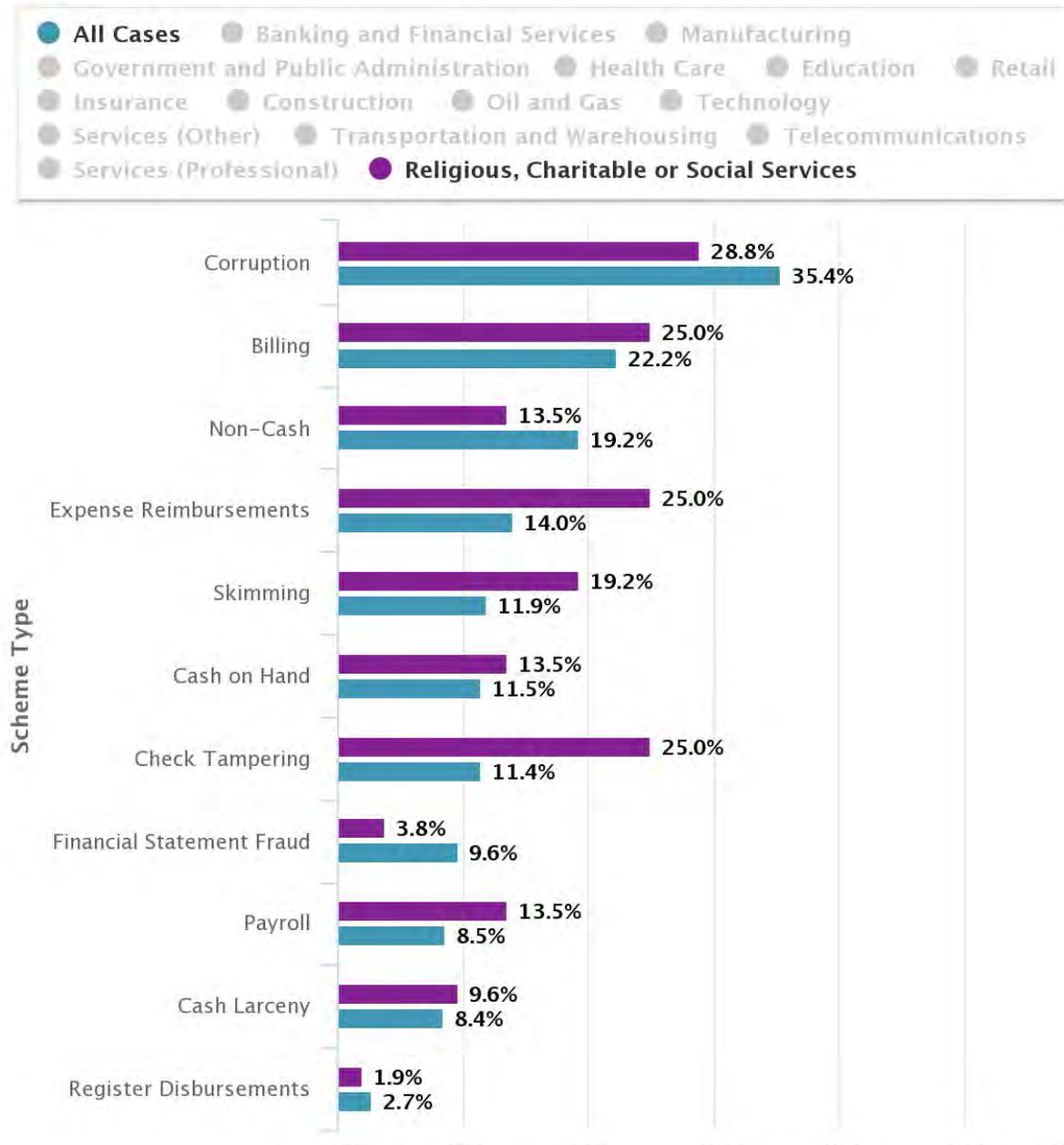


**Figure 45: Frequency of Schemes Based on Industry**

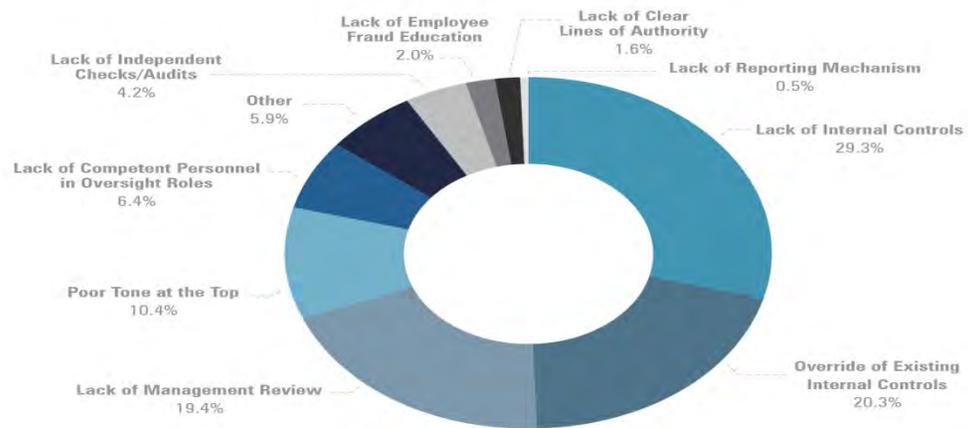
Industry/Scheme	Banking and Financial Services	Government and Public Administration	Manufacturing	Health Care	Education	Retail	Construction	Insurance	Oil and Gas	Technology	Services (Other)	Transportation and Warehousing	Telecommunications	Services (Professional)	Religious, Charitable, or Social Services
<b>Cases</b>	368	229	192	144	132	104	86	85	74	74	70	68	62	60	52
Billing	9.5%	25.3%	32.8%	31.3%	34.1%	15.4%	27.9%	17.6%	20.3%	29.7%	22.9%	22.1%	12.9%	26.7%	25.0%
Cash Larceny	11.1%	7.9%	5.2%	9.7%	13.6%	12.5%	8.1%	4.7%	4.1%	5.4%	15.7%	4.4%	1.6%	13.3%	9.6%
Cash on Hand	17.9%	10.5%	8.3%	11.1%	17.4%	11.5%	7.0%	4.7%	9.5%	8.1%	22.9%	5.9%	4.8%	20.0%	13.5%
Check Tampering	9.5%	9.2%	13.5%	14.6%	7.6%	9.6%	10.5%	17.6%	4.1%	5.4%	18.6%	10.3%	6.5%	31.7%	25.0%
Corruption	37.5%	38.4%	48.4%	30.6%	31.8%	32.7%	36.0%	28.2%	48.6%	44.6%	28.6%	51.5%	41.9%	16.7%	28.8%
Expense Reimbursements	5.4%	15.7%	22.9%	20.1%	15.9%	8.7%	20.9%	9.4%	10.8%	27.0%	12.9%	8.8%	19.4%	16.7%	25.0%
Financial Statement Fraud	12.0%	7.9%	10.9%	13.2%	5.3%	5.8%	17.4%	7.1%	6.8%	12.2%	17.1%	5.9%	9.7%	11.7%	3.8%
Non-Cash	10.6%	14.8%	30.2%	13.2%	17.4%	32.7%	22.1%	5.9%	17.6%	18.9%	22.9%	29.4%	38.7%	10.0%	13.5%
Payroll	3.8%	13.5%	11.5%	9.7%	7.6%	3.8%	16.3%	5.9%	8.1%	2.7%	11.4%	7.4%	3.2%	11.7%	13.5%
Register Disbursements	2.7%	1.7%	5.7%	2.1%	1.5%	8.7%	1.2%	0.0%	0.0%	1.4%	5.7%	2.9%	3.2%	1.7%	1.9%
Skimming	6.8%	14.0%	8.3%	12.5%	25.0%	17.3%	15.1%	10.6%	8.1%	5.4%	21.4%	11.8%	6.5%	18.3%	19.2%



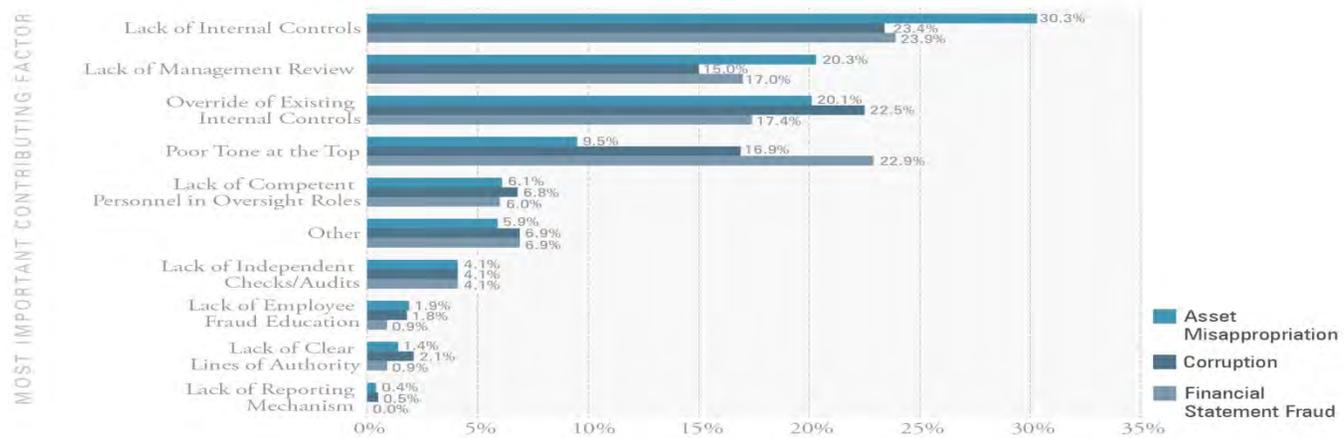
### Frequency of Fraud Schemes by Industry



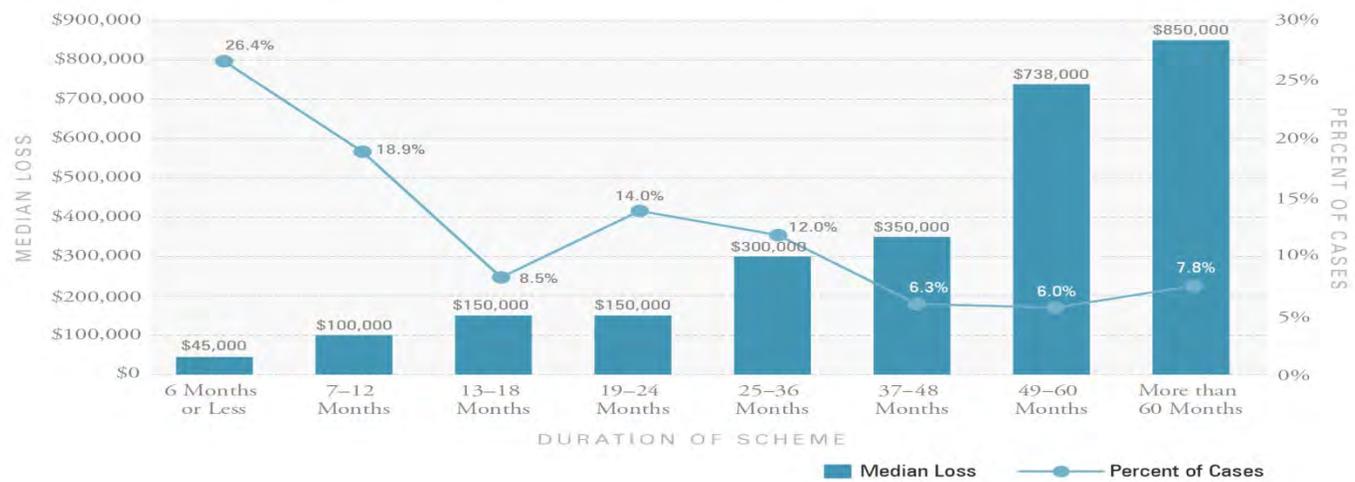
**Figure 63:** Primary Internal Control Weakness Observed by CFE



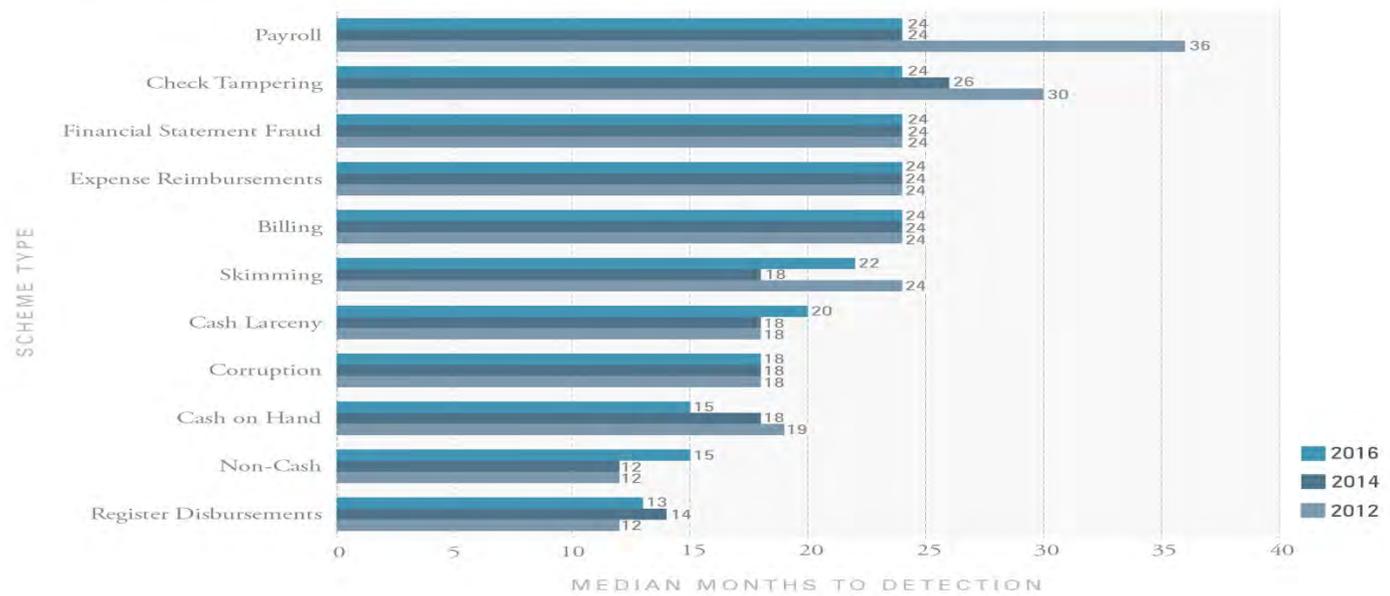
**Figure 64: Primary Internal Control Weakness by Scheme Type**



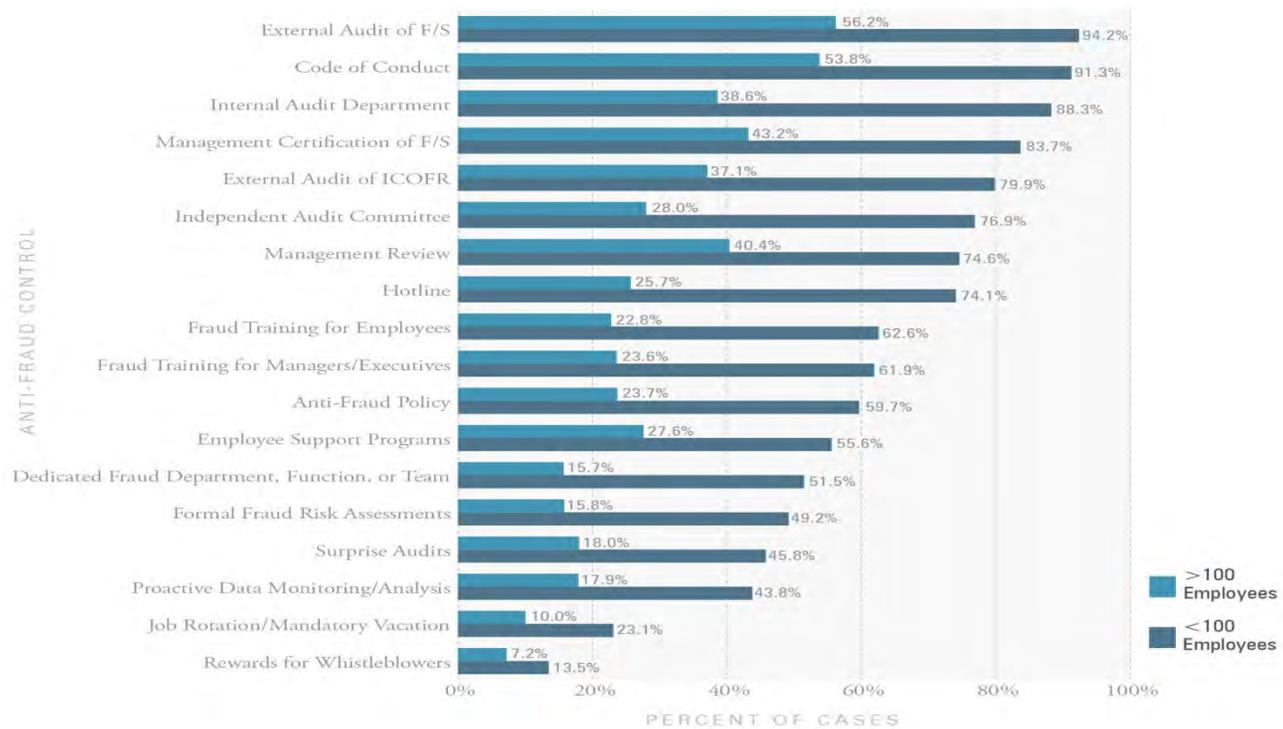
**Figure 18:** Frequency and Median Loss Based on Duration of Fraud



**Figure 19: Median Duration of Fraud Based on Scheme Type**



**Figure 48: Frequency of Anti-Fraud Controls by Size of Victim Organization**



**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 audits of the organization's internal controls over financial reporting

**Figure 60: 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	37.8%	12 Months	24 Months	50.0%
Proactive Data Monitoring/Analysis	36.7%	12 Months	24 Months	50.0%
Dedicated Fraud Department, Function, or Team	41.2%	12 Months	24 Months	50.0%
Hotline	60.1%	12 Months	24 Months	50.0%
Formal Fraud Risk Assessments	39.3%	12 Months	24 Months	50.0%
Management Review	64.7%	12 Months	24 Months	50.0%
Independent Audit Committee	62.5%	12 Months	24 Months	50.0%
Internal Audit Department	73.7%	12 Months	24 Months	50.0%
External Audit of Internal Controls over Financial Reporting	67.6%	12 Months	24 Months	50.0%
Management Certification of Financial Statements	71.9%	12 Months	24 Months	50.0%
Code of Conduct	81.1%	13 Months	24 Months	45.8%
Job Rotation/Mandatory Vacation	19.4%	10 Months	18 Months	44.4%
Anti-Fraud Policy	49.6%	12 Months	21 Months	42.9%
Fraud Training for Employees	51.6%	12 Months	20 Months	40.0%
Fraud Training for Managers/Executives	51.3%	12 Months	20 Months	40.0%
Rewards for Whistleblowers	12.1%	11 Months	18 Months	38.9%
External Audit of Financial Statements	81.7%	15 Months	24 Months	37.5%
Employee Support Programs	56.1%	12 Months	18 Months	33.3%

**Figure 3:** Occupational Fraud and Abuse Classification System (Fraud Tree)

