

275 East Broad Street Columbus, OH 43215-3771 614-227-4090 www.strsoh.org

Feb. 19, 2007

Mr. Aristotle Hutras, Director Ohio Retirement Study Council 88 E. Broad St., Suite 1175 Columbus, OH 43215

Dear Aris:

Pursuant to Substitute Senate Bill 133 and as required by Section 3307.044 of the Ohio Revised Code, enclosed is a report of the actions of the Audit Committee of the State Teachers Retirement Board for calendar year 2006.

Please don't hesitate to contact me if you have any questions.

Sincerely,

Damon F. Asbury
Executive Director

RETIREMENT BOARD CHAIR CONSTANCE K. RAMSER

RETIREMENT BOARD VICE CHAIR
JEFFREY CHAPMAN

EXECUTIVE DIRECTOR

DAMON F. ASBURY



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## AUDIT COMMITTEE ANNUAL REPORT

Audit Committee
Members:
Conni Ramser, Chair
Tom Johnson, Vice Chair
Dennis Leone

To: Ohio Retirement Study Council (ORSC)

Subject: STRS Ohio Audit Committee Report – 2006

Date: Feb. 19, 2007

As required by Section 3307.044 of the Ohio Revised Code, the following report outlines the activities of the STRS Ohio Audit Committee and the STRS Ohio Internal Audit Department for the year ending Dec. 31, 2006. This report outlines the following: audit reviews completed during 2006; STRS Ohio Audit Committee meetings and actions; special reviews completed during 2006; and the 2007 Internal Audit Plan. Audit Committee Members during 2006 were Dr. Robert Brown, Geoffrey Meyers and Dr. Dennis Leone.

## **Audit Reviews Completed During 2006**

The attached 2006 Internal Audit Summary lists the audits performed, the scope for each audit, the recommendations to management, management's response and expected implementation date. The Internal Audit Summaries were mailed to all State Teachers Retirement Board Members in March, May and September 2006 and January 2007.

## **STRS Ohio Audit Committee Meetings and Actions**

March 10, 2006 – The Audit Committee met to discuss the reporting relationship of the Internal Audit Department and the need for an additional internal auditor. The committee agreed that the Internal Audit Department should report directly to the STRS Ohio Audit Committee, but report administratively to the executive director. The committee members felt an additional auditor was needed to allow adequate coverage for low financial risk audit areas. (A new auditor was hired in September 2006.) Both motions were approved by the Retirement Board.

May 19, 2006 – The Audit Committee met to discuss the Internal Audit Quarterly Report of audit findings and recommendations.

Jan. 8, 2007 – The external auditors from Clifton Gunderson were present to provide the results of the 2006 STRS Ohio financial examination for the year ending June 30, 2006. The Clifton Gunderson presentation included a Report on Internal Control Over Financial Reporting and on Compliance and Other Matters. The



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Audit Committee also reviewed the 2007 Internal Audit Plan and 2006 Internal Audit Summary of audit findings and recommendations.

## **Special Reviews**

The Internal Audit Department did not perform a special review during 2006.

## 2007 Internal Audit Plan

The 2007 Internal Audit Plan was approved by the Retirement Board on Jan. 18, 2007. A copy of the 2007 Plan is enclosed.

If you have any questions or need further information, please feel free to call me at (614) 227-2821.

Respectfully submitted,

David S. Tackett, CFA, CPA, CIA

Director, Internal Audit

**Enclosures** 

# 2006 Internal Audit Summary

Audit Area	Scope	Recommendations	Management's Response	Implemented	Implementation Date or Targeted Implementation Date
Annual Statements	Accuracy of Member Information  Accuracy of Benefits Information  Accuracy & Security of Online Statements  Baesman Contract  Segregation of Duties	Draft Report Under Mgt. Review	N/A	N/A	N/A
Annual Reporting	Annual Reporting Procedures  Proper Access to the Annual Reporting Legacy Screens	Draft Report Under Mgt. Review	N/A	N/A	N/A
Business Contingency Plan	Compliance  Management Support	Audit Initiated	N/A	N/A	N/A
Investment Performance*	Recording and Reporting of Market Values  Calculating, Monitoring, and Reporting Investment Returns  Calculation and Payment of Performance-Based Incentive (PBI) Awards	Establish required procedures for scoring and awarding the subjective component of the PBI  Separate the Investment Performance review function from the Investments Department  Have HRS and Investments define positions that are eligible for PBI  Give HRS the final decision in determining who meets the criteria during evaluations	Under Mgt. Review	N/A	N/A

Alternative Investments	Proper Notification and Approval  Due Diligence	Add additional staff to allow for an increased level of performance related to due diligence	Agree	Yes	6/30/2006
	Funding Process  Contributions and Distributions	Perform a cost/benefit analysis of obtaining additional technology resources to improve monitoring and analysis of program performance	Agree	No	3/31/2007
	Management Fees  Monitoring of Alternative Investments	Verify the accuracy of each general partner capital call or distribution	Agree	No	3/31/2007
	Segregation of Duties  A. I. Reports	Establish written procedures for conducting and documenting the due diligence process	Agree	No	3/31/2007
	Compliance with Investment Advisor Recommendations	angones process			
Financial Reporting* (STRS Ohio)	Reliability of Information  Balance Verification  Role-Based Security	Schedule and perform disaster recovery testing at a level that is consistent with the standards developed by the I.T.S. Dept.	Agree	No	6/1/07
	Segregation of Duties				
	Disaster Recovery Initiatives  Audit Trail Integrity				

Real Estate Investments	Accuracy of Property Mgt. Fees Purchases and Sales	Establish detailed policies and pro- cedures to review/respond to tenant surveys as soon as possible	Agree	No	3/31/07
	Due Diligence Site Inspections	Require formalized contract amend- ments for all changes in contract terms	Agree	Yes	10/30/06
	Property Valuations  Property Manager Reporting	Establish a detailed policy to govern the use and reporting of leverage in the STRS Ohio real estate portfolio	Mgt. Response Under Review by Internal Audit	N/A	N/A
	External Audit Reviews  Tenant Surveys  Compliance with Investment	In accordance with GASB 34, require the Real Estate Dept. to report the market value of assets and liabilities on the face or in the notes of the financial statements	Agree	Yes	10/30/06
	Advisor Recommendations  Compliance with Investment Objectives and Policies	Require the Real Estate Dept. to begin comparing their performance to NCREIF leveraged return series (This will provide a more valid comparison of Real Estate returns)	Mgt. Response Under Review by Internal Audit	N/A	N/A

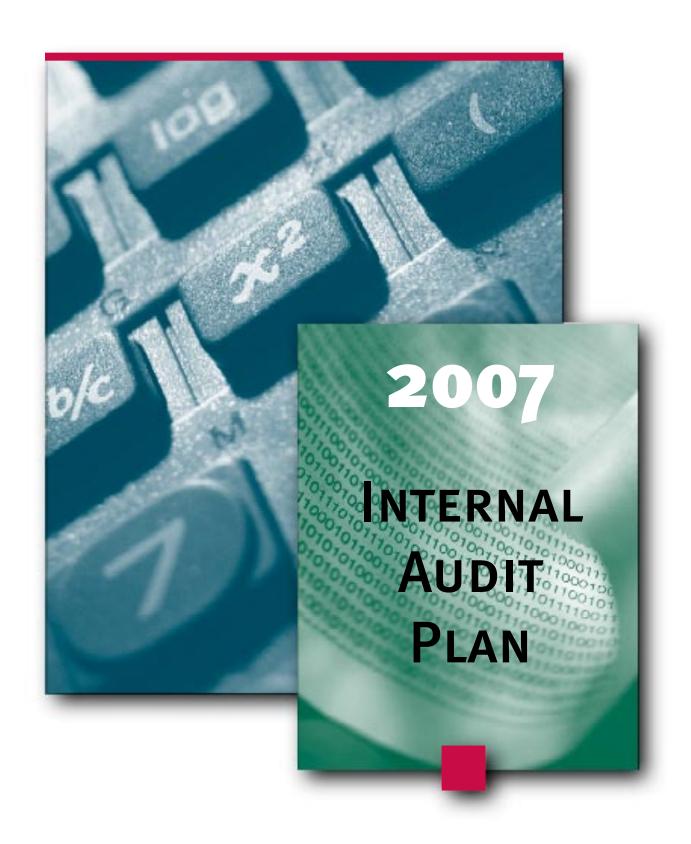
Network Security*	Independent Investment Dept. Network  Ex-Associate Systems Access  3rd Party Confidentiality Agreements  User Software Downloads  Associate Confidentiality Agreements  Locking Workstations  Remote Access Management	Management from Investment and I.T.S. Departments establish procedures for maintenance of standards related to security, efficiency, quality control, and adherence to relevant organizational mandates related to I.T. networks  Management from Investments and I.T.S present information on the cost and benefits of maintaining the decentralized computing arrangement	Agree Agree	Yes Yes	7/1/2006 7/1/2006
Health Care	Systems Access Documentation  Contract Compliance	Audit In Progress	N/A	N/A	N/A
	Disbursements				
Insurance*	Compliance with STRS Ohio Risk Management Manual  Adequacy of Existing Insurance Policies  Adequacy of Carrier's Ratings  Accuracy of Premium Payments  Segregation of Duties	Update the Risk Management Manual as soon as possible	Agree	No	6/30/07

Service Retirement*	Benefit Calculations  Documenation of Key Processes  Management of Overpayments	Develop formal, written procedures to review and reconcile collections accounts with the Attorney General's Office representatives no less than annually	Agree	No	3/1/2007
	Segregation of Duties	Discussions take place with appro- priate staff to determine who will take ownership of the post AG's Office referral collections process	Agree	Yes	1/2/2007
		Appropriate staff meet with Internal Audit to discuss the strengthening of electronic controls related to the reproduction of benefit checks in the new software	Agree	Yes	12/1/2006
Fixed Income	Compliance with Ohio Revised Code Compliance with Investment Objectives and Policy Statement Approved Brokers Accuracy of Month-End Pricing Segregation of Duties Interest Income	Audit Resulted in No Recommendations	N/A	N/A	N/A
Accounts Payable	Vendor Payment History Segregation of Duties	Draft Report Under Mgt. Review	N/A	N/A	N/A

Member Withdrawals*	Compliance with the Ohio Revised Code Refund Estimates Refund Payments 1099Rs Non-Zero Accounts Segregation of Duties	Consult with I.T.S. Dept. to determine the cost/benefit of creating an additional input control for processing member withdrawals (use of LEGACY screen EPPY43) or develop compensating controls	Agree	Yes	4/21/06
International Investing	Foreign Tax Reclamations  External Manager Review/Fees  Monitoring of External Managers  BNY Role as Sub-Custodian  Valuation	Audit Initiated	N/A	N/A	N/A
Derivatives	Pre-approval and Post-approval Process  Compliance with Derivative Limits  Derivative Classification and Reporting  Currency Forward Settlements  Equity Swap Settlements	Audit in Progress	N/A	N/A	N/A
Domestic Equities	Broker Commissions Dividends/Splits Purchases/Sales	Draft Report Under Mgt. Review	N/A	N/A	N/A

Liquidity Reserves	Income	Audit in Progress	N/A	N/A	N/A
	Purchases/Sales				
	Daily Cash Reconciliation				

<sup>\*</sup>Audits were listed as "Under Mgt. Review," "In Progress," "Audit Initiated" or had not implemented recommendation(s) at the time of the last annual report.



## STATE TEACHERS RETIREMENT SYSTEM OF OHIO

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# INTRODUCTION

One of the tasks given the Internal Audit Department is to periodically perform an organizationwide risk assessment. The purpose is to identify the need for and to appropriately allocate its resources to the various risks confronting STRS Ohio. Risk assessment is the process of organizing and combining professional judgments about probable adverse conditions or events in auditable areas of an organization. The results are then prioritized in a matrix to develop the audit plan for the subsequent time frame.

The Institute of Internal Auditors' Statement on Internal Auditing Standards No. 9 defines risk as the probability that an event or action may adversely affect the organization. The effects of risk can involve:

- An erroneous decision from using incorrect, untimely, incomplete or otherwise unreliable information.
- Erroneous record-keeping, inappropriate accounting, fraudulent financial reporting, or financial loss and exposure.
- Failure to adequately safeguard assets.
- Customer dissatisfaction, negative publicity and damage to the organization's reputation.
- Failure to adhere to organizational policies, plans and procedures or not complying with relevant laws and regulations.
- Acquiring resources uneconomically or using them inefficiently or ineffectively.
- Failure to accomplish established objectives and goals for operations or programs.

In 1993, the Internal Audit Department began using a quantitative method to determine which audits to perform in the upcoming calendar year. This method assigns values for six weighted risk factors to determine the relative significance of each auditable area. The risk factors were based on the Institute of Internal Auditors' *Statement on Internal Auditing Standards No.* 9. The Internal Audit Department assigned a risk value to each factor for each entity. A 9-point risk assessment scale, with graduations of risk from 1 = Not Risky to 9 = Extremely Risky, was used. The weighted total was then computed for each entity by totaling the products of value and weight for each factor.

In 2006, as part of a Retirement Board Audit Committee initiative to streamline the Internal Audit Plan focus, the Internal Audit Department developed an additional risk assessment component to focus on different levels of financial risk. "High," "Medium" or "Low" risk designations were assigned to the audit areas to aid in the identification of areas of risk that have a greater potential to significantly impact STRS Ohio operations.

The change resulted in a more focused application of resources in financial and operational reviews.

# INTERNAL AUDIT DEPARTMENT

### **Mission Statement**

To work in partnership with associates to conduct value-added independent appraisals of policies and procedures to contribute to the continuous improvement of STRS Ohio.

## **Vision Statement**

To be recognized as an innovative department that, through independent appraisals and partnered solutions, strives for quality enhancements and the elimination of non-value-added processes.

To create an environment that encourages teamwork, innovation, open communication, empowerment and personal and professional growth.

## **Guiding Principles**

To achieve our mission and vision, we will:

- Prepare a comprehensive, practical, planned program of audit coverage consistent with STRS Ohio's mission, vision and guiding principles.
- Perform audits in compliance with professional standards.
- Verify the adequacy and effectiveness of STRS Ohio's systems of administrative, operating and financial controls.
- Understand the associates' business from their perspective.
- Produce objective, clear, concise, constructive and timely reports.
- Maintain contemporary professional proficiency through continuing education and training.
- Seek to continuously improve our team, tools and processes.
- Develop professional expertise for potential career opportunities within STRS Ohio.

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# 2007 INTERNAL AUDIT SCHEDULE

Audit Area	Description of Audit Area	Jan.	Feb. Mar.	Apr. I	Apr. May Jun.	l. Auç	Jul. Aug. Sep.	Oct.	Oct. Nov.	Dec.
International Investing	External Manager Review/Fees Monitoring of External Managers BNY Role as Sub-Custodian Valuation									
Defined Contribution Plan	Quarterly Statement Review Acct. Additions/Withdrawals Reporting/Accounting									
Board Expenses	Preapproval of Travel Accuracy of Reimbursement Compliance With Travel Policies									
Securities Lending	Compliance Accuracy of Income Approved Borrowers Reporting/Accounting									
Post-Retirement Benefits	Lump-Sum Death Payments Death Matches Annuity Certain Expirations Overpayments/Collections Survivor Benefits Reselections									
Real Estate	Board Consultant Compliance Property Manager Review/Fees Purchases/Sales Income/Expenses Appraisals									
Income Taxes	Member Federal/State Withholding Change Data Security Tax Interface Reconciliations	ge								
Associate Payroll	Compliance Integrity/Security of Database Accuracy of Final Payments Immigration Guidelines									
Fixed Income	Compliance Reporting/Accounting Due Diligence Measuring/Controlling Risk									
Associate Travel Expenses	Prior Authorization Proper Documentation/Approval Compliance									

# 2007 INTERNAL AUDIT SCHEDULE

Audit Area	Description of Audit Area	Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.	Mar.	Apr. N	lay Ju	n. Jul.	Aug.	Sep.	Oct.	Nov.	ec.
Disability Benefits	Benefit Processing Reexamination Schedules Payment of Medical Invoices Statement of Employment/Earnings Termination of Benefits										
Investment Performance	Accuracy of PBI Awards Compliance										
Reemployed Retirees	Compliance With ORC Accuracy of Lump-Sum Payment Violations/Collections										
Contribution Reporting	Compliance Foundation Receipts/Reconciliation Monthly Deposit Processing										
Purchasing Practices	Compliance With Policies Receipt of Goods and Services Invoice Verification and Approval										
Equities	Compliance Monitoring of External Managers External Manager Fees Reporting/Accounting										
Fixed Assets — Computers	Purchasing Accuracy of Inventory Records Disposition										
Derivatives	Compliance Currency Forward Settlements Swap Settlements										
Employer Audits	Compliance Contract Review										
Alternative Investments	General Partner Review Valuation/Performance Fees Reporting/Accounting										

# **RISK FACTORS**

Risk Factor	Risk Factor Description	Weighting
A	Adequacy and Effectiveness of the System of Internal Controls	9
В	Major Changes in Technology, Operations, the Organization or the Economy	8
C	Dates and Results of Previous Audits	7
D	Recent or Relevant Changes in Key Personnel	6
E	Complexity or Volatility of Activities	5
F	Asset Size or Transaction Volume	4

# **RISK ASSESSMENT SCALE**

The risk assessment scale is a 9-point system with graduations of risk as follows:

Risk Factor Description	Score
Extremely Risky	9
Very Risky	7
Risky	5*
Slightly Risky	3
Not Risky	1

<sup>\*</sup> If no previous audit was performed, the auditable area was assessed a 5 — Risky.

# **ASSIGNMENT OF RISK RATING**

	Risk Factors*							
Audit Area	Α	В	С	D	Е	F	Total	
ADI	MINIST	RATION	١					
Associate Payroll	3	3	4	2	3	3	18	
Associate Travel Expenses	4	4	3	3	2	2	18	
Attendance Reporting	3	3	3	3	3	3	18	
Benefit Check Printing	3	4	3	3	3	3	19	
Board Elections	2	2	2	2	2	1	11	
Board Expenses	3	3	2	2	2	2	14	
Building Maintenance	2	2	2	2	2	2	12	
Business Continuity Plan	3	3	3	3	4	3	19	
Child Care Center	2	3	2	2	2	2	13	
Educational Assistance Program	2	2	2	2	2	2	12	
Fixed Assets — Computer Equipment	4	3	5	3	3	3	21	
Flexible Spending Plans	3	3	3	3	2	2	16	
Insurance	3	3	3	3	2	2	16	
Internet/Intranet	2	3	3	2	3	3	16	
Network Security	3	3	3	2	2	2	15	
Ohio Ethics Commission Reporting	1	2	2	2	2	1	10	
Other Staff Expenses	2	2	5	2	1	1	13	
Personal Investment Disclosure	2	2	2	2	2	2	12	
Postage	2	2	3	2	2	3	14	
Prior Work Experience —		·	·	·		<u></u>		
Vacation Leave Credit	3	3	3	2	3	2	16	
Purchasing Practices	3	3	4	2	2	3	17	
Unused Sick and Vacation Leave	2	2	5	2	2	1	14	

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# **ASSIGNMENT OF RISK RATING**

	Risk Factors*						
Audit Area	Α	В	С	D	Ε	F	Total
	FINAN	ICE					
Accounts Payable	2	2	2	2	2	2	12
Actuarial Tape Processing	3	2	2	2	2	2	13
Annual Reporting	2	2	2	2	2	2	12
Annual Statements	2	2	2	2	2	2	12
Contribution Reporting	2	3	3	2	2	3	15
Early Retirement Incentive Credit	2	2	2	2	3	2	13
Employer Audits	3	2	3	2	2	2	14
Financial Reporting (STRS Ohio)	3	4	2	2	4	4	19
Fixed Assets	3	2	3	2	2	2	14
Income Taxes	4	4	2	2	2	4	18
Member Withdrawals	3	4	3	2	2	3	17
Petty Cash	3	2	4	3	1	1	14
Purchasing Service Credit							
by Payroll Deduction	3	3	3	2	3	2	16

INVESTMENTS								
Alternative Investments	3	4	3	2	3	3	18	
Derivatives	3	2	2	3	4	2	16	
Equities	3	4	2	2	4	5	20	
Fixed Income	2	2	2	2	3	3	14	
International Investing	3	3	2	3	4	4	19	
Investment Performance	3	2	3	2	3	3	16	
Liquidity Reserves	2	2	3	2	2	2	13	
Proxy Voting	2	2	2	2	2	1	11	
Real Estate	3	3	3	3	3	4	19	
Securities Lending	3	3	2	2	4	4	18	

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# **ASSIGNMENT OF RISK RATING**

		Risk Factors*								
Audit Area	Α	В	С	D	E	F	Total			
	MEMBER I	BENEFI'	TS							
Call Center	3	3	3	3	3	2	17			
Defined Contribution Plan	2	2	2	2	2	2	12			
Disability Benefits	3	3	3	2	2	2	15			
Health Care	2	3	2	2	4	4	17			
Post-Retirement Benefits	3	2	3	4	2	2	16			
Purchasing Service Credit	3	3	2	2	3	3	16			
Records Management	2	2	3	2	2	3	14			
Reemployed Retirees	3	3	3	3	2	2	16			
Service Retirement Benefits	2	3	2	3	4	4	18			
Survivor Benefits	2	2	2	3	2	2	13			

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# **RISK FACTORS WEIGHTED**

	Risk Factors*									
Audit Area	Α	В	С	D	Е	F	Total			
ADMINISTRATION										
Associate Payroll	27	24	28	12	15	12	118			
Associate Travel Expenses	36	32	21	18	10	8	125			
Attendance Reporting	27	24	21	18	15	12	117			
Benefit Check Printing	27	32	21	18	15	12	125			
Board Elections	18	16	14	12	10	4	74			
Board Expenses	27	24	14	12	10	8	95			
Building Maintenance	18	16	14	12	10	8	78			
Business Continuity Plan	27	24	21	18	20	12	122			
Child Care Center	18	24	14	12	10	8	86			
Educational Assistance Program	18	16	14	12	10	8	78			
Fixed Assets — Computer Equipment	36	24	35	18	15	12	140			
Flexible Spending Plans	27	24	21	18	10	8	108			
Insurance	27	24	21	18	10	8	108			
Internet/Intranet	18	24	21	12	15	12	102			
Network Security	27	24	21	12	10	8	102			
Ohio Ethics Commission Reporting	9	16	14	12	10	4	65			
Other Staff Expenses	18	16	35	12	5	4	90			
Personal Investment Disclosure	18	16	14	12	10	8	78			
Postage	18	16	21	12	10	12	89			
Prior Work Experience —										
Vacation Leave Credit	27	24	21	12	15	8	107			
Purchasing Practices	27	24	28	12	10	12	113			
Unused Sick and Vacation Leave	18	16	35	12	10	4	95			

# **RISK FACTORS WEIGHTED**

Risk Factors*						
Α	В	С	D	E	F	Total
FINAN	NCE					
18	16	14	12	10	8	78
27	16	14	12	10	8	87
18	16	14	12	10	8	78
18	16	14	12	10	8	78
18	24	21	12	10	12	97
18	16	14	12	15	8	83
27	16	21	12	10	8	94
27	32	14	12	20	16	121
27	16	21	12	10	8	94
36	32	14	12	10	16	120
27	32	21	12	10	12	114
27	16	28	18	5	4	98
27	24	21	12	15	8	107
	18 27 18 18 18 18 27 27 27 27 27 27	FINANCE       18     16       27     16       18     16       18     24       18     16       27     16       27     32       27     16       36     32       27     32       27     32       27     16       36     32       27     16	A         B         C           FINANCE           18         16         14           27         16         14           18         16         14           18         24         21           18         16         14           27         16         21           27         32         14           27         16         21           36         32         14           27         32         21           27         16         28	A         B         C         D           FINANCE           18         16         14         12           27         16         14         12           18         16         14         12           18         16         14         12           18         24         21         12           18         16         14         12           27         16         21         12           27         32         14         12           27         16         21         12           36         32         14         12           27         32         21         12           27         16         28         18	A         B         C         D         E           FINANCE           18         16         14         12         10           27         16         14         12         10           18         16         14         12         10           18         16         14         12         10           18         24         21         12         10           18         16         14         12         15           27         16         21         12         10           27         32         14         12         20           27         16         21         12         10           36         32         14         12         10           27         32         21         12         10           27         16         28         18         5	A         B         C         D         E         F           FINANCE           18         16         14         12         10         8           27         16         14         12         10         8           18         16         14         12         10         8           18         16         14         12         10         8           18         24         21         12         10         12           18         16         14         12         15         8           27         16         21         12         10         8           27         32         14         12         20         16           27         16         21         12         10         8           36         32         14         12         10         8           36         32         14         12         10         16           27         32         21         12         10         12           27         16         28         18         5         4

INVESTMENTS									
Alternative Investments	27	32	21	12	15	12	119		
Derivatives	27	16	14	18	20	8	103		
Equities	27	32	14	12	20	20	125		
Fixed Income	18	16	14	12	15	12	87		
International Investing	27	24	14	18	20	16	119		
Investment Performance	27	16	21	12	15	12	103		
Liquidity Reserves	18	16	21	12	10	8	85		
Proxy Voting	18	16	14	12	10	4	74		
Real Estate	27	24	21	18	15	16	121		
Securities Lending	27	24	14	12	20	16	113		

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# **RISK FACTORS WEIGHTED**

	Risk Factors*							
Audit Area	Α	В	С	D	Е	F	Total	
	MEMBER B	ENEFI	ΓS					
Call Center	27	24	21	18	15	8	113	
Defined Contribution Plan	18	16	14	12	10	8	78	
Disability Benefits	27	24	21	12	10	8	102	
Health Care	18	24	14	12	20	16	104	
Post-Retirement Benefits	27	16	21	24	10	8	106	
Purchasing Service Credit	27	24	14	12	15	12	104	
Records Management	18	16	21	12	10	12	89	
Reemployed Retirees	27	24	21	18	10	8	108	
Service Retirement Benefits	18	24	14	18	20	16	110	
Survivor Benefits	18	16	14	18	10	8	84	

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# 2007 INTERNAL AUDIT WORK PLAN

Audit Area	Priority	Dept.	Risk Score	Estimated Audit Date	Risk Codes
Equities	High	I	125	Sep-07	F, I, C, O
Real Estate	High	1	121	Apr-07	F, I, C, O
Alternative Investments	High	1	119	Dec-07	F, I, C, O
International Investing	High	ı	119	Jan-07	F, I, C, O
Derivatives	High	I	103	Oct-07	F, I, C, O
Fixed Income	High	I	87	May-07	F, I, C, O
Liquidity Reserves	High	ı	85		F, I, C, O
Business Continuity Plan	Med.	Α	122		F,I, C, O
Financial Reporting (STRS Ohio)	Med.	F	121		I, C, O
Insurance	Med.	Α	108		F,I, C, O
Health Care	Med.	MB	104		I, C, O
Contribution Reporting	Med.	F	97	Sep-07	I, C, O
Accounts Payable	Med.	F	78		I, C, O
Annual Reporting	Med.	F	78		I, C, O
Annual Statements	Med.	F	78		I, C, O
Defined Contribution Plan	Med.	MB	78	Jan-07	I, C, O
Fixed Assets — Computer Equip.	Low	Α	140	Oct-07	I, C, O
Associate Travel Expenses	Low	Α	125	Jun-07	I, C, O, PS
Benefit Check Printing	Low	Α	125		I, C, O
Income Taxes	Low	F	120	Apr-07	I, C, O
Associate Payroll	Low	Α	118	May-07	I, C, O
Attendance Reporting	Low	Α	117		I, C, O
Member Withdrawals	Low	F	114		I, C, O
Call Center	Low	MB	113		C, O
Purchasing Practices	Low	Α	113	Sep-07	I, C, O, PS
Securities Lending	Low	I	113	Feb-07	I, C, O
Service Retirement Benefits	Low	MB	110		I, C, O
Flexible Spending Plans	Low	Α	108		I, C, O
Reemployed Retirees	Low	MB	108	Aug-07	I, C, O
Prior Work Experience — Vacation Leave Credit	Low	Α	107		I, C, O

State Teachers Retirement System of Ohio Internal Audit Plan January 2007

# 2007 INTERNAL AUDIT WORK PLAN

Audit Area	Priority	Dept.	Risk Score	Estimated Audit Date	Risk Codes
Purchasing Service Credit by Payroll Deduction	Low	F	107		I, C, O
Post-Retirement Benefits	Low	MB	106	Mar-07	I, C, O
Purchasing Service Credit	Low	MB	104		I, C, O
Investment Performance	Low	I	103	Aug-07	I, C, O
Disability Benefits	Low	MB	102	Jun-07	I, C, O
Internet/Intranet	Low	Α	102		I, C, O
Network Security	Low	Α	102		I, C, O
Petty Cash	Low	F	98		I, C, O, PS
Board Expenses	Low	Α	95	Feb-07	I, C, O, PS
Unused Sick and Vacation Leave	Low	Α	95		I, C, O
Employer Audits	Low	F	94	Oct-07	I, C, O
Fixed Assets	Low	F	94		I, C, O
Other Staff Expenses	Low	Α	90		I, C, O, PS
Postage	Low	Α	89		I, C, O
Records Management	Low	MB	89		C, O
Acturial Tape Processing	Low	F	87		I, C, O
Child Care Center	Low	Α	86		I, C, O
Survivor Benefits	Low	MB	84		I, C, O
Early Retirement Incentive Credit	Low	F	83		I, C, O
Building Maintenance	Low	Α	78		I, C, O
Educational Assistance Program	Low	Α	78		I, C, O
Personal Investment Disclosure	Low	Α	78		I, C
Board Elections	Low	Α	74		I, C
Proxy Voting	Low	I	74		I, C
Ohio Ethics Commission Reporting	Low	Α	65		I, C, O, PS

### **Risk Codes:**

- F: Financial = Risk related to financial impact
- I: Integrity = Risk related to accuracy of data or asset managed/presented
- C: Compliance = Risk related to non-compliance with laws/regulations/internal policies
- O: Operational = Risk related to operational efficiencies/inefficiencies
- PS: Public Sensitivity = No material financial impact but high public sensitivity