



**STATE TEACHERS
RETIREMENT SYSTEM
OF OHIO**

**A Report to the
Ohio Retirement
Study Council**

September 2013



STATE TEACHERS
RETIREMENT SYSTEM
OF OHIO

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RETIREMENT BOARD CHAIR
DALE PRICE

RETIREMENT BOARD VICE CHAIR
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EXECUTIVE DIRECTOR
MICHAEL J. NEHF

September 23, 2013

The Honorable Lynn Wachtmann, Chair
Ohio Retirement Study Council
88 E. Broad Street, Suite 1175
Columbus, OH 43215-3506


Dear Rep. Wachtmann:

As required in Substitute Senate Bill 133 (effective Sept. 15, 2004), STRS Ohio has prepared the following materials regarding the statute's goal to increase the use of Ohio-qualified agents and investment managers.

The enclosed documents represent the efforts taken by STRS Ohio individually and by the Ohio retirement systems collaboratively to implement a qualification process and a program to increase the use of Ohio-qualified agents and investment managers. In addition, STRS Ohio has enclosed final results for the 12-month periods ended June 30, 2004 (base year) and June 30, 2013.

If you have any questions, please do not hesitate to contact me.

Sincerely,


Michael J. Nehf
Executive Director

Enclosures

cc: Members of the Ohio Retirement Study Council
Bethany Rhodes, Director, Ohio Retirement Study Council

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Executive Summary

In response to Substitute Senate Bill 133, the five Ohio retirement systems developed common procedures to recruit, document and report their use of Ohio-qualified agents and Ohio-qualified investment managers.

The systems collaboratively developed forms to certify Ohio-qualified agents (Tab 1) and investment managers (Tab 2). These certification forms were:

- Sent to all agents and investment managers currently doing business with the Ohio retirement systems;
- Provided to prospective agents and managers; and
- Posted on the systems' Web sites (Tab 3).

Information regarding new registration and reporting requirements (as a result of Sub. S.B. 133) were included with all Ohio certification mailings and given to prospective agents and managers (Tab 4).

On behalf of the Ohio retirement systems, OPERS is responsible for processing the certification forms and publishing a current list of Ohio-qualified agents (Tab 1), and SERS is responsible for processing the certification forms and publishing a current list of Ohio-qualified investment managers (Tab 2).

Since before 1990, STRS Ohio has had an Ohio and Emerging Brokerage Firm Program to increase use of Ohio brokers, as well as brokers that are owned and controlled by minorities and/or women. To enhance this existing program and to comply with Sub. S.B. 133, STRS Ohio developed the "Ohio Investment Manager and Broker Program and Policy," which sets forth how STRS Ohio intends to increase the use of Ohio-qualified agents and investment managers (Tab 5). The State Teachers Retirement Board approved the policy at its Dec. 9, 2004, meeting.

The information summarized below highlights results for the current period (July 1, 2012–June 30, 2013) compared to the baseline period (July 1, 2003–June 30, 2004) (Tabs 6a-f):

- **Ohio-Qualified Domestic Equity Brokers**
 - Increase in dollars traded to \$4.19 billion from \$2.06 billion
 - Increase in the percentage (%) of total dollars traded to 22.92% from 10.67%
 - Increase in dollar amount of commissions paid to \$4.47 million from \$3.33 million
 - Increase in the percentage (%) of total commission paid to 30.86% from 16.47%
- **Ohio-Qualified Minority Domestic Equity Brokers**
 - No change in dollars traded; remained at \$0.
 - No change in the percentage (%) of total dollars traded.
- **Ohio-Qualified Domestic Fixed-Income Brokers**
 - Increase in dollars traded to \$3.31 billion from \$3.18 billion
 - Increase in the percentage (%) of total dollars traded to 43.71% from 42.64%
- **Ohio-Qualified Managers**
 - Increase in dollars under management to \$2.37 billion from \$2.20 billion
 - Decrease in the percentage (%) of dollars under management as a percent of all externally managed assets to 12.40% from 16.21%
 - Decrease in the percentage (%) of dollars under management as a percent of total fund assets to 3.49% from 4.06%
 - Decrease in dollar amount of fees paid to \$11.09 million from \$13.57 million
 - Decrease in the percentage (%) of total fees paid to 6.85% from 15.18%

Ohio-Qualified Agent Certification Process

- The Ohio Public Employees Retirement System (OPERS) is responsible for maintaining documentation of Ohio-Qualified Agents and Ohio-Qualified Minority Business Enterprises that have completed and submitted an Ohio-Qualified Agent Certification (Certification) to OPERS.
- The Certification establishes that the agent meets the Ohio-Qualified Agent or the Ohio-Qualified Minority Business Enterprises statutory criteria mandated under Ohio law, R. C. 145.114, 742.114, 3307.152, 3309.157 and 5505.068.
- Agents are required to submit a Certification annually.
- Each year, OPERS contacts agents who filed Certifications in the prior year, to initiate re-Certification for the current period, as appropriate.
- The Certification form is posted to the OPERS website (www.OPERS.org), so that additional eligible agents may complete the Certification and become qualified.
- The Ohio Retirement Systems Ohio-Qualified Agent Listing (Listing) is posted to the OPERS website. The Listing is updated as changes occur throughout the year.
- Each of the Ohio retirement systems may access the website to determine if a particular agent is certified as an Ohio-Qualified Agent or an Ohio-Qualified Minority Business Enterprise.
- The Listing is used to report utilization to the Ohio Retirement Study Council annually.
- Periodically, updates and modifications are made to the Certification process and form by OPERS in conjunction with the other Ohio pension systems.

Ohio Retirement Systems

Ohio-Qualified Agent Certification

General Information

Under Ohio law, R. C. 145.114, 742.114, 3307.152, 3309.157, and 5505.068, each Ohio retirement system is required to:

1. Establish a policy with the goal to increase the use of Ohio-qualified agents for the execution of domestic equity and fixed income trades when an Ohio-qualified agent offers quality, services, and safety comparable to other agents otherwise available to the systems and meets certain criteria;
2. Adopt a policy to establish criteria and procedures used to select agents to execute securities transactions;
3. Designate an agent as an Ohio-qualified agent if the agent meets certain criteria; and,
4. Make certain reports to the Ohio Retirement Study Council concerning Ohio-qualified agents and minority business enterprises.

Each retirement system's policy may be viewed on its web site.

The statutory criteria for an Ohio-qualified agent are that the agent:

1. Is subject to taxation under R.C. Chapter 5725 (financial institutions and insurance), 5726 (financial institutions tax), 5733 (corporation franchise tax), 5747 (income tax), or 5751 (commercial activity tax);
2. Is authorized to conduct business in Ohio;
3. Maintains a principal place of business in Ohio and employs at least five Ohio residents; and,
4. Is a licensed dealer under Ohio securities laws or comparable laws of another state or the U.S.

"Principal place of business" means an office in which the agent regularly provides securities or investment advisory services and solicits, meets with, or otherwise communicates with clients.

"Dealer" means every person, other than a salesperson, who engages or professes to engage, in Ohio, for either all or part of the person's time, directly or indirectly, either in the business of the sale of securities for the person's own account, or in the business of the purchase or sale of securities for the account of others in the reasonable expectation of receiving a commission, fee, or other remuneration as a result of engaging in the purchase and sale of securities. "Dealer" does not mean any of the following:

- (a) Any issuer, including any officer, director, employee, or trustee of, or member or manager of, or partner in, or any general partner of, any issuer, that sells, offers for sale, or does any act in furtherance of the sale of a security that represents an economic interest in that issuer, provided no commission, fee, or other similar remuneration is paid to or received by the issuer for the sale;
- (b) Any licensed attorney, public accountant, or firm of such attorneys or accountants, whose activities are incidental to the practice of the attorney's, accountant's, or firm's profession;
- (c) Any person that, for the account of others, engages in the purchase or sale of securities that are issued and outstanding before such purchase and sale, if a majority or more of the equity interest of an

issuer is sold in that transaction, and if, in the case of a corporation, the securities sold in that transaction represent a majority or more of the voting power of the corporation in the election of directors;

(d) Any person that brings an issuer together with a potential investor and whose compensation is not directly or indirectly based on the sale of any securities by the issuer to the investor;

(e) Any bank;

(f) Any person that the division of securities by rule exempts as a dealer. Ohio securities licensing laws may be found in R.C. Sections 1701.01 through 1701.45.

A minority business enterprise is defined under Ohio law as an individual who:

1. Is a United States citizen
2. Owns and controls a business, a partnership, corporation, or joint venture of any kind that is owned and controlled by United States citizens, who:
 - a. Are residents of Ohio, and
 - b. Are members of one of the following economically disadvantaged groups: Blacks or African Americans, American Indians, Hispanics or Latinos, and Asians.

"Owned and controlled" means that at least fifty-one per cent of the business, including corporate stock if a corporation, is owned by persons who belong to one or more of the groups listed above. These owners must have control over the management and day-to-day operations of the business and an interest in the capital, assets, and profits and losses of the business proportionate to their percentage of ownership. In addition, the business must have been owned and controlled by those persons at least one year prior to being awarded a contract.

You may obtain additional and/or current copies of this form, lists of Ohio-qualified agents and minority business enterprises, and information on use of agents by contacting each system or viewing its web site.

In order to comply with Ohio law, the retirement system requests that your firm submit this certification.

Instructions (This form may be duplicated)

1. Complete, sign and return an original of this form to the:

Ohio Public Employees Retirement System of Ohio (OPERS)
Attn: Prabu Kumaran, Fund Manager
277 East Town Street Columbus, Ohio 43215-4642
opersbrc@opers.org

Returning this form to OPERS will serve as filing for all five state retirement systems. The other retirement systems are:

School Employees Retirement System, www.ohsers.org

State Teachers Retirement System of Ohio, www.strsoh.org

Ohio Police and Fire Pension Fund, www.op-f.org

Ohio State Highway Patrol Retirement System, www.ohprs.org.

2. A new, completed form must be submitted by June 30th each year, or when information on a previously filed form changes.

OQA & OQA-MBE Self Certification for the reporting period from July 01, 2012 through June 30, 2013

I. Firm Information

Firm legal name: _____
Street address: _____
City, State and Zip Code: _____
Contact person's name: _____
Telephone number: _____
E-mail address: _____

II. Agent Information

I certify that the firm is (mark each that applies):

- An Ohio-qualified agent because all of the following conditions are met:
- Subject to taxation under R.C. Chapter 5725 (financial institutions and insurance companies), 5733 (corporation franchise tax), or 5747 (income tax);
 - Is authorized to conduct business in Ohio;
 - Maintains a principal place of business in Ohio and employs at least five Ohio residents; and,
 - Is a licensed dealer under Ohio securities laws or comparable laws of another state or the U.S.
- A minority business enterprise as defined by Ohio law and described on page 2.

III. Signature

I, the undersigned, state that:

1. I have read and completed the above Certification;
2. I am authorized to execute this Certification on behalf of the firm;
3. I certify the information provided in this Certification is complete and true to the best of my knowledge and belief;
4. I certify that if any information in this Certification changes, the firm will submit a new Certification;
5. I understand that completion and submission of this Certification does not obligate any Ohio retirement system to enter into any contract with the firm; and,
6. I understand that if any information provided on this form is false, any offer of a contract may be withdrawn, or any contract entered into may be terminated without any penalty to the retirement system.

By: Signature _____ Date: _____

Printed Name _____

Title _____

Ohio Retirement Systems

Ohio-Qualified Manager Certification

General Information

Under Ohio law, R. C. 145.116, 742.116, 3307.154, 3309.159, and 5505.0610, each Ohio retirement system is required to:

1. Establish a policy with the goal to increase the use of Ohio-qualified investment managers when an Ohio-qualified investment manager offers quality, services, and safety comparable to other investment managers otherwise available to the systems and meets certain criteria;
2. Designate an investment manager as an Ohio-qualified investment manager if the investment manager meets certain criteria;
3. Develop a list of Ohio-qualified investment managers and their investment products;
4. Make certain reports to the Ohio Retirement Study Council concerning Ohio-qualified investment managers; and,
5. Give public notice to Ohio-qualified investment managers of a search for a system investment manager.

Each retirement system's policy may be viewed on its web site.

The legal criteria for an Ohio-qualified manager are that the manager, and/or a parent, affiliate or subsidiary:

1. Is subject to taxation under R.C. Chapter 5725 (financial institutions; dealers in intangibles; insurance companies), 5726 (financial institutions tax), 5733 (corporation franchise tax), 5747 (income tax), or 5751 (commercial activity tax) **[REQUIRED]**, and
2. Meets one of the following:
 - a. maintains its corporate headquarters or principal place of business in Ohio, or
 - b. employs at least 500 individuals in Ohio, or
 - c. maintains a principal place of business in Ohio and employs at least 20 Ohio residents.

"Principal place of business in the State of Ohio" means an office in Ohio in which the investment manager regularly provides securities or investment advisory services and solicits, meets with, or otherwise communicates with clients.

A minority business enterprise is defined under Ohio law as an individual who:

1. Is a United States citizen
2. Owns and controls a business, a partnership, corporation, or joint venture of any kind that is owned and controlled by United States citizens, who:
 - a. Are residents of Ohio, and
 - b. Are members of one of the following economically disadvantaged groups:
Blacks or African Americans, American Indians, Hispanics or Latinos, and Asians.

"Owned and controlled" means that at least fifty-one per cent of the business, including corporate stock if a corporation, is owned by persons who belong to one or more of the groups listed above. These owners must have control over the management and day-to-day operations of the business and an interest in the capital, assets, and profits and losses of the business proportionate to their percentage of ownership. In addition, the business must have been owned and controlled by those persons at least one year prior to being awarded a contract.

You may obtain additional and/or current copies of this form, lists of Ohio-qualified managers, and information on any investment manager searches by contacting each system or viewing its web site.

In order to comply with Ohio law, the retirement system requests that your firm submit this certification.

Instructions (This form may be duplicated.)

1. **Complete, sign and return an original** of this form only to the:

School Employees Retirement System of Ohio (SERS)
Attn: Investment Department, 300 East Broad Street Suite 100 Columbus, Ohio 43215-3746
www.ohsers.org

Returning this form to SERS will serve as filing for all five state retirement systems. The other retirement systems are:

- Ohio Public Employees Retirement System, www.opers.org
- State Teachers Retirement System of Ohio, www.strsoh.org
- Ohio Police and Fire Pension Fund, www.op-f.org
- Ohio State Highway Patrol Retirement System, www.ohprs.org

2. If additional pages are needed to complete the information, each page must be attached and numbered.
3. A new completed form must be submitted by June 30th each year, or when information on a previously filed form changes.

Certification

I. Firm Information

Firm name: _____

Street address: _____

City, State and Zip Code: _____

Contact person's name: _____

Telephone number: _____

Fax number: _____

E-mail address: _____

II. Manager Information

I certify that the firm is an Ohio-Qualified Investment Manager because the following conditions are met (mark each that applies):

- Subject to taxation under R.C. Chapter 5725 (financial institutions; dealers in intangibles; insurance companies), 5726 (financial institutions tax), 5733 (corporation franchise tax), 5747 (income tax), or 5751 (commercial activity tax) **[REQUIRED]**, and,

Meets one of the following (mark each that applies):

- Maintains its corporate headquarters or principal place of business in Ohio.
 Employs at least 500 individuals in Ohio.
 Maintains a principal place of business in Ohio and employs at least 20 Ohio residents.

For informational purposes (mark if applies):

- A minority business enterprise as defined by Ohio law and described on page 1.

III. Product Information

Firm Products	Years of Track Record	Assets under Management
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

IV. Signature

I, the undersigned, state that:

1. I have read and completed the above Certification;
2. I am authorized to execute this Certification on behalf of the firm;
3. I certify that the information provided in this Certification is complete and true to the best of my knowledge and belief;
4. I certify that if any information in this Certification changes, the firm will submit a new Certification;
5. I understand that completion and submission of this Certification does not obligate any Ohio retirement system to enter into any contract with the firm; and,
6. I understand that if any information provided on this form is false any offer of a contract may be withdrawn, or any contract entered into may be terminated without any penalty to the retirement system.

By: Signature _____

Printed Name _____

Title _____



STATE TEACHERS
RETIREMENT SYSTEM
OF OHIO

Investments

Ohio-Qualified Agent/Broker & Manager Certification

Legislation enacted in Ohio in 2004 requires the Ohio Retirement Systems to maintain a list of Ohio-qualified agent/brokers and investment managers. The systems have developed the following forms to be completed by firms who wish to certify themselves as Ohio-qualified agent/brokers or investment managers. Instructions and qualification criteria are included in the forms.



[Ohio Investment Manager Certification Form](#)



[Ohio Agent/Broker Certification Form](#)

Completed forms should be returned as instructed in the forms.

Ohio-Qualified Agents & Managers Lists

Firms that have responded to the Ohio Retirement Systems and certified themselves to be Ohio-qualified will be added to the following corresponding lists.



[Ohio-Qualified Agent/Broker Firms](#)



[Ohio-Qualified Managers](#)

The lists are updated on a weekly basis.



Investments

Vendor Information & Opportunities

Reporting and Registration Requirements Under Ohio Law

The operation of the Ohio public pension plans is governed by specific statutes under Ohio law. These can be found in Chapters 101*, 102, 145, 742, 3307, 3309 and 5505 of the Ohio Revised Code.

Persons/entities doing business, or seeking to do business, with any of the Ohio public pension plans or making campaign contributions to, or on behalf of, a Board member or candidate for a Board position are governed by, and *may* be required to register or file reports with the Joint Legislative Ethics Committee, the Ohio Ethics Commission and/or the Ohio Secretary of State. The Ohio public pension plans cannot provide guidance about these requirements. To determine if these provisions apply to you, please contact the following agencies:

[Joint Legislative Ethics Committee](#)

50 West Broad Street, Suite 1308
Columbus, Ohio 43215
(614) 728-5100

[Ohio Ethics Commission](#)

8 East Long Street, 10th Floor
Columbus, Ohio 43215
(614) 466-7090

[Ohio Secretary of State](#)

30 East Broad Street, 14th Floor
Columbus, Ohio 43266
(614) 466-4980

The Ohio public pension plans advocate full compliance with all applicable laws, registration and reporting requirements. The duty to comply, and to register or report as applicable, is the sole responsibility of the individual or entity conducting the activities described above.

* According to Section 101.97 of the Ohio Revised Code, (see below) third party marketing fees are prohibited with limited exceptions.

R.C. 101.97. Contingent compensation agreements prohibited; incentive compensation plan

(A) Except as provided in division (B) of this section, no person shall engage any person to influence retirement system decisions or conduct retirement system lobbying activity for compensation that is contingent in any way on the outcome of a retirement system decision and no person shall accept any engagement to influence retirement system decisions or conduct retirement system lobbying activity for compensation that is contingent in any way on the outcome of a retirement system decision.

(B) Division (A) of this section does not prohibit and shall not be construed to prohibit any person from compensating the person's sales employees pursuant to an incentive compensation plan, such as commission sales, if the incentive compensation plan is the same plan used to compensate similarly situated sales employees who are not retirement system lobbyists.

Request for Proposals

There are currently no Request for Proposals.

STATE TEACHERS RETIREMENT SYSTEM OF OHIO

OHIO INVESTMENT MANAGER AND BROKER POLICY AND PROGRAM

INTRODUCTION

As required by Substitute Senate Bill 133, the Board of the State Teachers Retirement System of Ohio hereby creates a policy and program with the goal to increase the utilization of Ohio brokers and investment managers. Even prior to the passage of this bill, the Board has been a proponent of using Ohio firms and Ohio residents to manage STRS Ohio investments and execute STRS Ohio investment transactions. For more than 15 years the Board has had an Ohio and Emerging Brokerage Firm Program to increase utilization of Ohio brokers, as well as brokers that are owned and controlled by minorities and/or women. In addition, for many decades the Board has internally managed a substantial portion of STRS Ohio's investment portfolio. The Board currently employs approximately 115 associates as investment staff, who are residents of the State of Ohio, pay income taxes to the State of Ohio and support the economy of the State of Ohio. The Board's internal investment management and operation is effectively the equivalent of an "Ohio-qualified" investment manager. This Ohio Investment Manager and Broker Policy and Program is intended to enhance those efforts already taken by the Board to use Ohio firms and Ohio residents to manage STRS Ohio investments and execute STRS Ohio investment transactions.

BROKERS

Brokers who execute securities transactions on behalf of the Board are subject to an evaluation, selection, and use process conducted by the investment staff and reviewed by the Board on a semiannual basis. This process is commonly known as the "Broker Evaluation." The Board reaffirms and ratifies the existing criteria and procedures used in the Broker Evaluation, which includes those items set forth in Ohio Revised Code Section 3307.152(C). The Board also reaffirms and ratifies the Broker Evaluation process to review the performance of brokers used to execute security transactions, which is required by Ohio Revised Code Section 3307.152(D)(2). Those brokers selected by the investment staff in the Broker Evaluation constitute the approved broker list.

Adding Ohio Qualified Brokers to the Approved Broker List

The Board will qualify brokers as "Ohio" brokers through a process developed by the combined efforts of the Ohio retirement systems. Any Ohio-qualified broker will also be subject to selection and evaluation criteria and procedures contained in the Broker Evaluation. Ohio-qualified brokers selected by the investment staff in the Broker Evaluation will be added to the approved broker list. The Board has a goal to increase the use of Ohio-qualified brokers for the execution of domestic equity and fixed-income securities transactions, when the services that Ohio-qualified brokers provide are equal in quality, cost, scope and execution capabilities to all brokers approved to transact securities transactions on behalf of STRS Ohio. In the Broker Evaluation, the investment staff will identify Ohio-qualified brokers that will receive an increased allocation for the next six-month investment period.

OHIO INVESTMENT MANAGER AND BROKER POLICY AND PROGRAM

Maintaining the Ohio and Emerging Brokerage Firm Program

The investment staff maintains a list of brokers who qualify for the Ohio and Emerging Brokerage Firm Program. Those brokers are eligible to be included on the approved broker list as long as those brokers receive research votes and/or meet the minimum criteria necessary to be included on the approved broker list. The specific process and factors by which these firms are selected are described in the Ohio and Emerging Brokerage Firm Procedures.

INVESTMENT MANAGERS

Since STRS Ohio investment staff manages a substantial portion of the STRS Ohio investment portfolio internally, only limited opportunities exist to use external investment managers, including Ohio-qualified external investment managers. However, pursuant to Substitute Senate Bill 133, the Board has a goal to increase the use of Ohio-qualified investment managers for the investment of STRS Ohio funds, when an Ohio-qualified investment manager offers quality, cost, services, safety and investment products comparable to other investment managers otherwise available to the Board. The Board will qualify investment managers as “Ohio” investment managers through a process developed by the combined efforts of the Ohio retirement systems. From this process, the Board will develop a list of Ohio-qualified investment managers and their investment products. All Ohio-qualified investment managers will be subject to the same investment manager search process conducted by investment staff as are other investment managers. The investment staff currently has the following search process for selecting investment managers to manage STRS Ohio funds for a particular investment product:

1. Investment staff obtains from the Board’s investment consultant input into investment managers who fit within the investment staff goals and are open for new allocations.
2. Investment staff advertises the Request for Proposal in two nationally recognized investment publications and on the STRS Ohio website.
3. Investment staff narrows the list of prospective managers to approximately two times the number of investment managers to be hired.
4. Investment staff interviews the finalists and makes a recommendation to the deputy executive director—Investments and the executive director.

To increase the opportunities for Ohio-qualified investment managers when investment staff conducts an investment manager search, investment staff will advertise its investment manager search in two nationally recognized investment publications and on the STRS Ohio website. In addition to those investment managers whom the investment staff has selected to be on the final interview list through the current process, investment staff will add to the final interview list at least one Ohio-qualified investment manager who offers the investment product sought by investment staff and responds to the request for proposal.

EQUITY BROKER/DEALERS
U.S. Equity / Internal and External (combined)
July 1, 2003 - June 30, 2004

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	\$ Amount Trades Executed with Ohio-Qualified Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broker/Dealers	Commissions Paid To Ohio-Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	% of Total Commissions Paid to Ohio-Qualified Broker-Dealers	\$ Amount Trades Executed with Ohio-Qualified Minority Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
ABEL NOSER				10,260,538.14			26,765.00			10,260,538.14	
ADAMS HARKNESS & HILLS CO.				4,184,872.75			7,547.82			4,184,872.75	
ADVEST - CAMB	X		669,491.82	669,491.82	0.00%	1,750.25	1,750.25	0.01%		669,491.82	
ALLEN & CO.				7,600.00			272.00			7,600.00	
AMERICAL				183,338.00			261.00			183,338.00	
ANDOVER BROKERAGE				405,924.00			461.00			405,924.00	
ARNHOLD BLEICHROEDER				368,578.76			1,332.00			368,578.76	
AVIAN SECURITIES				441,105.04			1,695.00			441,105.04	
AVONDALE PARTNERS LLC				1,136,397.19			3,963.75			1,136,397.19	
B. RILEY & CO.				3,478,493.37			15,142.30			3,478,493.37	
BB&T	X		5,457,113.71	5,457,113.71	0.03%	11,143.37	11,143.37	0.06%		5,457,113.71	
B-TRADE				20,709,930.45			24,339.94			20,709,930.45	
BAIRD (ROBERT W.) & COMPANY, INC.	X		107,718,354.77	107,718,354.77	0.56%	172,813.02	172,813.02	0.86%		107,718,354.77	
BANC AMERICA				2,870,842.53			5,718.00			2,870,842.53	
BANK OF AMERICA SECURITIES				124,969,344.45			182,191.38			124,969,344.45	
BARRINGTON RESEARCH				651,099.26			2,460.00			651,099.26	
BNY DIRECT EXECUTION				169,699,989.78			189,559.00			169,699,989.78	
BEAR STEARNS & CO				312,995,532.95			530,315.57			312,995,532.95	
BERNSTEIN (SANFORD C.) & COMPANY LLC				98,381,646.21			133,516.62			98,381,646.21	
BLAYLOCK & PARTNERS L.P.				14,118,183.00			22,650.00			14,118,183.00	
BLOOMBERG TRADEBOOK, L.L.C.				500,220,553.89			560,354.98			500,220,553.89	
BOE SECURITIES, INC.				12,532,983.58			30,416.00			12,532,983.58	
BOSTON INSTITUTIONAL SERVICES	X		21,581.00	21,581.00	0.00%	114.00	114.00	0.00%		21,581.00	
BRANCH BANKING & TRUST				244,664.00			340.00			244,664.00	
BRANDT (ROBERT) & COMPANY				15,404,942.42			26,129.80			15,404,942.42	
BREAN MURRAY				469,324.86			815.00			469,324.86	
BRIDGE TRADING				750,333.10			1,816.50			750,333.10	
BUCKINGHAM RESEARCH				2,088,851.13			5,029.00			2,088,851.13	
BURLINGTON				5,580,622.15			9,383.32			5,580,622.15	
CE UNTERBERG				3,102,900.00			7,185.65			3,102,900.00	
CJS SECURITIES				305,409.39			1,122.00			305,409.39	
CL KING				4,118,757.43			8,172.50			4,118,757.43	
CANTOR FITZGERALD & COMPANY				323,677,253.96			494,892.76			323,677,253.96	
CAPITAL INSTITUTIONAL SERVICES				9,477,560.48			6,140.00			9,477,560.48	
CHAPDELAINE INSTITUTIONAL EQUITIES				166,590,475.33			296,560.00			166,590,475.33	
CIBC OPPENHEIMER				149,550,776.58			296,145.01			149,550,776.58	
CITATION				432,952.03			745.00			432,952.03	
CITIGROUP GLOBAL MARKETS, INC.	X		347,448,656.56	347,448,656.56	1.80%	507,165.89	507,165.89	2.51%		347,448,656.56	
SG COWEN SECURITIES CORPORATION	X		122,379,863.25	122,379,863.25	0.63%	231,426.99	231,426.99	1.15%		122,379,863.25	
CRAIG HALLUM				1,455,232.02			6,687.95			1,455,232.02	
CREDIT LYONNAISE				522,700.00			4,808.00			522,700.00	
CREDIT RESEARCH & TRADING				3,212,281.00			16,871.00			3,212,281.00	
CREDIT SUISSE FIRST BOSTON				244,023,097.30			331,135.01			244,023,097.30	
DA DAVIDSON				638,993.11			1,575.00			638,993.11	
DAVENPORT & CO				34,985.55			100.00			34,985.55	
DEUTSCHE BANK				193,467,208.29			189,375.83			193,467,208.29	
DIRECTRADING INSTITUTIONAL INC				16,466.00			10.00			16,466.00	
DOUGHERTY & CO				553,783.86			976.25			553,783.86	
DUNLEVY				297,523.89			171.00			297,523.89	
EKN SECURITIES				169,204.00			692.00			169,204.00	
E-TRADE SECURITY INC.				2,614,642.29			9,441.00			2,614,642.29	
EAST SHORE PARTNERS				103,585.85			606.00			103,585.85	
EDWARD JONES				1,440.00			58.32			1,440.00	
EDWARDS (A. G.) & SONS, INC.	X		39,754,144.89	39,754,144.89	0.21%	65,798.32	65,798.32	0.33%		39,754,144.89	
EMPIRICAL RESEARCH PARTNERS LL				18,315,921.00			27,250.00			18,315,921.00	
ENGELMAN SECURITIES				1,615,850.02			768.00			1,615,850.02	
FTN MIDWEST RESEARCH SECURITIES CORPORATION	X		60,728,268.56	60,728,268.56	0.31%	95,688.69	95,688.69	0.47%		60,728,268.56	
FACTSET DATA SYSTEMS				1,787,053.60			2,848.08			1,787,053.60	
FAIRWAY SECURITIES	X		6,396,755.00	6,396,755.00	0.03%	18,750.00	18,750.00	0.09%		6,396,755.00	
FECHTOR DETWILER				433,156.36			1,086.00			433,156.36	
FELT & CO.				145,501.00			459.00			145,501.00	
FERRIS BAKER WATTS INC				146,387.00			350.00			146,387.00	
FIDELITY CAPITAL MARKETS				251,708,777.69			414,049.55			251,708,777.69	
FIRST ALBANY				3,319,559.56			10,983.25			3,319,559.56	
FIRST ANALYSIS				1,550,612.05			3,918.50			1,550,612.05	
FOX-PITT, KELTON, INC.				18,337,325.26			23,467.00			18,337,325.26	
FRIEDMAN, BILLINGS, RAMSEY & COMPANY, INC.				19,409,757.15			51,995.05			19,409,757.15	
FREIMARK BLAIR & COMPANY INC.				16,786,513.88			20,270.00			16,786,513.88	
FULCRUM				3,109,138.78			6,882.50			3,109,138.78	
GGET CAPITAL				451,638.33			434.85			451,638.33	
GABELLI & CO.				487,853.65			2,100.00			487,853.65	
GARBAN GIORGIO EQUITY TRADING				20,492.03			27.00			20,492.03	
GOLDMAN SACHS				303,868,928.05			345,426.70			303,868,928.05	
GOTHAM RESEARCH				143,071.55			492.00			143,071.55	
GREENSTREET ADVISORS, INC.				1,033,202.00			1,250.00			1,033,202.00	

EQUITY BROKER/DEALERS
U.S. Equity / Internal and External (combined)
July 1, 2003 - June 30, 2004

Broker/Dealer	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	\$ Amount Trades Executed with Ohio-Qualified Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broker/Dealers	Commissions Paid To Ohio-Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	% of Total Commissions Paid to Ohio-Qualified Broker-Dealers	\$ Amount Trades Executed with Ohio-Qualified Minority Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
GRISWOLD COMPANY				152,905.00			81.00			152,905.00	
GUZMAN				2,878,124.59			4,064.24			2,878,124.59	
HC WAINRIGHT				89,412.92			264.00			89,412.92	
HD BROUS				120,681.00			177.00			120,681.00	
HARBORSIDE				3,390,942.55			6,301.00			3,390,942.55	
HARRIS NESBITT				14,658,188.13			35,588.00			14,658,188.13	
HIBERNIA SOUTHCOAST				736,220.71			1,429.25			736,220.71	
HOEFER & ARNETT				567,074.16			1,112.00			567,074.16	
HOWARD WEIL				632,864.84			2,160.95			632,864.84	
HOWE BARNES INVESTMENTS				210,259.00			225.00			210,259.00	
IMPERIAL CAPITAL				39,735.20			44.65			39,735.20	
INGALLS & SNYDER				666,520.60			2,176.25			666,520.60	
INSTINET LLC				990,146,611.45			680,268.51			990,146,611.45	
INTERNATIONAL STRATEGY & INVESTMENT GROUP INC				23,442,316.88			39,811.70			23,442,316.88	
INTERSTATE				11,003,818.74			27,267.00			11,003,818.74	
ITG, INC.				537,846,839.12			237,869.81			537,846,839.12	
JMP SECURITIES				373,727.29			1,674.73			373,727.29	
JANNEY MONTGOMERY				7,502,866.48			24,089.05			7,502,866.48	
JEFFERIES & COMPANY, INC.				475,548,908.95			807,530.99			475,548,908.95	
JOHNSON RICE				2,985,707.80			6,290.70			2,985,707.80	
JOLSON MERCHANT PARTNERS				188,666.58			940.00			188,666.58	
JONES TRADING INSTITUTIONAL SERVICES LLC				174,177,630.67			292,807.83			174,177,630.67	
MORGAN (J.P.) CHASE & COMPANY	X		135,665,255.96	135,665,255.96	0.70%	230,041.18	230,041.18	1.14%		135,665,255.96	
KAUFMAN BROTHERS				62,467.53			153.20			62,467.53	
KEEFE, BRUYETTE & WOODS INC				20,796,984.23			38,172.60			20,796,984.23	
KNIGHT EQUITY MARKETS				42,609,324.73			102,412.61			42,609,324.73	
LABRANCHE				-			-			-	
LAVA				459,641.72			651.00			459,641.72	
LEERINK SWAN				4,625,403.71			15,701.70			4,625,403.71	
LEGG MASON WOOD WALKER, INC.	X		48,837,887.78	48,837,887.78	0.25%	76,161.53	76,161.53	0.38%		48,837,887.78	
LEHMAN BROTHERS				5,462,111,145.38			5,290,866.17			5,462,111,145.38	
LIQUIDNET				128,038,205.90			135,531.52			128,038,205.90	
LYNCH, JONES & RYAN, INC.	X		9,812,347.87	9,812,347.87	0.05%	34,338.50	34,338.50	0.17%		9,812,347.87	
LOOP CAPITAL MARKETS L.L.C				26,589,765.13			24,425.50			26,589,765.13	
MISK INVESTMENT SECURITIES				124,919.50			215.50			124,919.50	
MANTOR WATSON SECURITIES	X		14,670,963.53	14,670,963.53	0.08%	27,160.00	27,160.00	0.13%		14,670,963.53	
MCDONALD INVESTMENTS/KEYBANC	X		32,040,973.16	32,040,973.16	0.17%	68,487.60	68,487.60	0.34%		32,040,973.16	
MERIMAN				843,721.68			2,651.30			843,721.68	
MERRILL LYNCH	X		376,253,442.40	376,253,442.40	1.95%	552,184.46	552,184.46	2.73%		376,253,442.40	
MILLER TABAK & COMPANY LLC				14,710,991.20			19,250.00			14,710,991.20	
MONNESS CRESPI HARDT & CO. INC.				166,386.17			813.00			166,386.17	
MONTGOMERY SECURITIES				3,610,801.76			9,045.85			3,610,801.76	
MONTROSE SECURITIES				140,529.00			306.00			140,529.00	
MOORS & CABOT INC.				1,103,526.00			1,839.00			1,103,526.00	
MORGAN KEEGAN & CO. INC				4,951,559.47			8,040.30			4,951,559.47	
MORGAN STANLEY DEAN WITTER				5,605,933,989.33			3,552,957.87			5,605,933,989.33	
MURIEL SIEBERT				109,725.39			438.00			109,725.39	
NATEXIS BLEICHRODER INC				38,661.73			188.00			38,661.73	
NEEDHAM & COMPANY				7,602,929.82			20,517.50			7,602,929.82	
NEUBERGER BERMAN				250,280.62			522.00			250,280.62	
NEXT GENERATION EQUITY RESEARCH				301,129.89			294.25			301,129.89	
NUTMEG SECURITIES, LTD.				10,718,088.88			18,030.00			10,718,088.88	
OTA LIMITED PARTNERSHIPS				836,690.00			3,096.00			836,690.00	
ORMES CAPITAL MARKETS, INC.				2,204,389.32			12,500.00			2,204,389.32	
US BANCORP PIPER JAFFRAY, INC.				11,509,762.06			26,785.17			11,509,762.06	
PACIFIC CREST				391,556.73			909.00			391,556.73	
PACIFIC GROWTH				1,739,788.14			3,632.00			1,739,788.14	
PERSHING				10,012.90			6.00			10,012.90	
POLCAR/WEICKER				902,652.16			1,236.00			902,652.16	
PROVIDENCE CAPITAL				655,471.33			2,820.00			655,471.33	
PRUDENTIAL EQUITY GROUP L.L.C.	X		405,253,807.58	405,253,807.58	2.10%	685,388.96	685,388.96	3.39%		405,253,807.58	
PUGLISI HOWELLS & CO				93,632.00			321.00			93,632.00	
PULSE TRADING				2,618,642.68			4,811.00			2,618,642.68	
RAYMOND JAMES & ASSOCIATES, INC.	X		15,200,378.65	15,200,378.65	0.08%	37,616.50	37,616.50	0.19%		15,200,378.65	
RAMIREZ & COMPANY, INC.				12,444,708.29			21,673.96			12,444,708.29	
RBC CAPITAL MARKETS	X		10,924,268.02	10,924,268.02	0.06%	24,085.10	24,085.10	0.12%		10,924,268.02	
RICHARD ROSENBLATT				45,711,020.40			27,424.00			45,711,020.40	
ROBBINS GROUP				78,567.73			115.00			78,567.73	
SUNTRUST ROBINSON HUMPHREY	X		6,551,183.41	6,551,183.41	0.03%	12,871.75	12,871.75	0.06%		6,551,183.41	
ROCHDALE SECURITIES				5,790,743.57			23,235.77			5,790,743.57	
ROCKHOUSE SECURITIES				181,477.00			318.00			181,477.00	
ROTH CAPITAL				3,813,864.50			12,308.50			3,813,864.50	
SBCO				2,632,681.63			9,462.00			2,632,681.63	
SLK				3,156,452.19			1,328.34			3,156,452.19	
SANDERS MORRIS HARRIS				799,369.31			1,568.25			799,369.31	

EQUITY BROKER/DEALERS
U.S. Equity / Internal and External (combined)
July 1, 2003 - June 30, 2004

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	\$ Amount Trades Executed with Ohio-Qualified Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broker/Dealers	Commissions Paid To Ohio-Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	% of Total Commissions Paid to Ohio-Qualified Broker-Dealers	\$ Amount Trades Executed with Ohio-Qualified Minority Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
SANDLER O'NEILL & PARTNERS, L.P.				15,326,452.19			23,646.85			15,326,452.19	
SCHWAB SOUNDVIEW CAPITAL MARKETS				23,521,736.03			49,431.78			23,521,736.03	
SCOTT & STRINGFELLOW				1,046,426.29			2,151.25			1,046,426.29	
SECOND STREET				13,362,396.20			28,660.00			13,362,396.20	
SELDON CLARKE				3,116,726.78			3,487.00			3,116,726.78	
SESLIA				97,577.00			125.00			97,577.00	
SIMMONS & CO.				2,862,194.43			7,194.20			2,862,194.43	
SOLEIL SECURITIES				379,160.32			1,398.00			379,160.32	
SOUTH COAST CAPITAL				170,609.77			315.00			170,609.77	
SOUTHWEST SECURITIES				7,608,211.68			17,168.85			7,608,211.68	
SPEAR LEEDS MFN				962,738.02			855.00			962,738.02	
STANDARD & POOR'S SECURITIES, INC.				222,745,861.33			404,948.00			222,745,861.33	
STATE STREET				2,250,919.09			3,393.00			2,250,919.09	
STEPHENS INC				2,227,207.30			4,721.74			2,227,207.30	
STERNE AGEE				925,666.25			1,901.25			925,666.25	
STIFEL, NICOLAUS & COMPANY, INC.	X		10,427,077.96	10,427,077.96	0.05%	21,608.75	21,608.75	0.11%		10,427,077.96	
STUART FRANKEL				10,079,373.71			12,554.07			10,079,373.71	
STURDIVANT & CO				2,906,466.65			5,245.84			2,906,466.65	
SUMMER STREET RESEARCH				52,132.80			60.00			52,132.80	
SUNBELT SECURITIES				5,066,921.00			8,876.00			5,066,921.00	
SUSQUEHANNA				7,901,568.61			23,253.25			7,901,568.61	
THEMIS TRADING				10,390,571.54			23,958.40			10,390,571.54	
THINKEQUITY PARTNERS				3,411,864.31			8,425.15			3,411,864.31	
TRADESTATION				10,196.24			12.00			10,196.24	
TRIAD SECURITIES				143,990.99			325.00			143,990.99	
UBS WARBURG, L.L.C.	X		253,833,979.39	253,833,979.39	1.31%	338,339.51	338,339.51	1.67%		253,833,979.39	
U.S. BROKERAGE INC	X		12,651,757.14	12,651,757.14	0.07%	29,331.00	29,331.00	0.15%		12,651,757.14	
VAN (ROBERT) SECURITIES, INC.				3,910,926.74			14,308.76			3,910,926.74	
VERITAS SECURITIES				3,006,771.12			5,725.00			3,006,771.12	
VOYAGER INSTITUTIONAL SERVICES, L.L.C.	X		19,092,943.40	19,092,943.40	0.10%	27,400.00	27,400.00	0.14%		19,092,943.40	
WR HAMBRECHT				668,639.81			1,325.00			668,639.81	
WACHOVIA SECURITIES, INC.	X		20,593,496.25	20,593,496.25	0.11%	56,282.74	56,282.74	0.28%		20,593,496.25	
WAVE SECURITIES				218,838.01			330.50			218,838.01	
WEDBUSH MORGAN				4,180,046.91			8,385.05			4,180,046.91	
WEEDEN				120,787,169.70			125,999.51			120,787,169.70	
WEISEL (THOMAS) PARTNERS, L.L.C.				19,565,342.18			35,693.84			19,565,342.18	
WELLS FARGO SEC.				6,261,621.58			17,108.98			6,261,621.58	
WM. BLAIR & CO.				5,787,255.70			8,883.03			5,787,255.70	
WM. SMITH & CO.				29,577.00			70.00			29,577.00	
WILLIAMS CAPITAL GROUP				7,530,163.76			18,833.89			7,530,163.76	
WILSHIRE ASSOCIATES, INC.				32,010,376.58			66,064.95			32,010,376.58	
TOTAL			\$2,062,383,992.06	\$19,330,933,031.37	10.67%	\$3,325,948.11	\$20,199,532.51	16.47%	\$ -	\$19,330,933,031.37	0.00%

EQUITY BROKER/DEALERS
U.S. Equity / Internal and External (combined)
July 1, 2003 - June 30, 2004

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	\$ Amount Trades Executed with Ohio-Qualified Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broker/Dealers	Commissions Paid To Ohio-Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	% of Total Commissions Paid to Ohio-Qualified Broker-Dealers	\$ Amount Trades Executed with Ohio-Qualified Minority Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
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OHIO-QUALIFIED DOMESTIC EQUITY BROKER/DEALER SUMMARY

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Percentage (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker /Dealers	Dollar (\$) Amount of Commissions Paid to Ohio-Qualified Broker/Dealers	Percentage (%) of Total Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
ADVEST - CAMB	X		\$669,491.82	0.00%	1,750.25	0.01%	-	0.00%
BB&T	X		\$5,457,113.71	0.03%	11,143.37	0.06%	-	0.00%
BAIRD (ROBERT W.) & COMPANY, INC.	X		\$107,718,354.77	0.56%	172,813.02	0.86%	-	0.00%
BOSTON INSTITUTIONAL SERVICES	X		\$21,581.00	0.00%	114.00	0.00%	-	0.00%
CITIGROUP GLOBAL MARKETS, INC.	X		\$347,448,656.56	1.80%	507,165.89	2.51%	-	0.00%
SG COWEN SECURITIES CORPORATION	X		\$122,379,863.25	0.63%	231,426.99	1.15%	-	0.00%
EDWARDS (A. G.) & SONS, INC.	X		\$39,754,144.89	0.21%	65,798.32	0.33%	-	0.00%
FTN MIDWEST RESEARCH SECURITIES CORPORATION	X		\$60,728,268.56	0.31%	95,688.69	0.47%	-	0.00%
FAIRWAY SECURITIES	X		\$6,396,755.00	0.03%	18,750.00	0.09%	-	0.00%
MORGAN (J.P.) CHASE & COMPANY	X		\$135,665,255.96	0.70%	230,041.18	1.14%	-	0.00%
LEGG MASON WOOD WALKER, INC.	X		\$48,837,887.78	0.25%	76,161.53	0.38%	-	0.00%
LYNCH, JONES & RYAN, INC.	X		\$9,812,347.87	0.05%	34,338.50	0.17%	-	0.00%
MANTOR WATSON SECURITIES	X		\$14,670,963.53	0.08%	27,160.00	0.13%	-	0.00%
MCDONALD INVESTMENTS/KEYBANC	X		\$32,040,973.16	0.17%	68,487.60	0.34%	-	0.00%
MERRILL LYNCH	X		\$376,253,442.40	1.95%	552,184.46	2.73%	-	0.00%
PRUDENTIAL EQUITY GROUP L.L.C.	X		\$405,253,807.58	2.10%	685,388.96	3.39%	-	0.00%
RAYMOND JAMES & ASSOCIATES, INC.	X		\$15,200,378.65	0.08%	37,616.50	0.19%	-	0.00%
RBC CAPITAL MARKETS	X		\$10,924,268.02	0.06%	24,085.10	0.12%	-	0.00%
SUNTRUST ROBINSON HUMPHREY	X		\$6,551,183.41	0.03%	12,871.75	0.06%	-	0.00%
STIFEL, NICOLAUS & COMPANY, INC.	X		\$10,427,077.96	0.05%	21,608.75	0.11%	-	0.00%
UBS WARBURG, L.L.C.	X		\$253,833,979.39	1.31%	338,339.51	1.67%	-	0.00%
U.S. BROKERAGE INC	X		\$12,651,757.14	0.07%	29,331.00	0.15%	-	0.00%
VOYAGER INSTITUTIONAL SERVICES, L.L.C.	X		\$19,092,943.40	0.10%	27,400.00	0.14%	-	0.00%
WACHOVIA SECURITIES, INC.	X		\$20,593,496.25	0.11%	56,282.74	0.28%	-	0.00%
TOTAL			\$2,062,383,992.06	10.67%	3,325,948.11	16.47%	-	0.00%

EQUITY BROKER/DEALERS
U.S. Equity/Internal and External (combined)
July 1, 2012 - June 30, 2013

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed with All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Broker /Dealers	Dollar (\$) Amount of Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Commissions Paid to All Broker/Dealers	Percentage (%) of Total Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Dollar (\$) Amount of Trades Executed With All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
ABEL NOSER				5,187,412.00	0.00%		3,924.00	0.00%		5,187,412.00	0.00%
AQUA SECURITIES LP				26,578,595.65	0.00%		26,348.92	0.00%		26,578,595.65	0.00%
ATLANTIC EQUITIES			-	97.50	0.00%	-	0.21	0.00%	-	97.50	0.00%
AVONDALE PARTNERS				1,905,120.02	0.00%		1,778.16	0.00%		1,905,120.02	0.00%
BARCAP (HT)				11,523,722.70	0.00%		16,046.72	0.00%		11,523,722.70	0.00%
BARCLAYS CAPITAL				454,832,323.60	0.00%		432,858.04	0.00%		454,832,323.60	0.00%
BARRINGTON RESEARCH				5,490,349.94	0.00%		12,911.54	0.00%		5,490,349.94	0.00%
BB&T CAPITAL MARKETS				12,142,787.14	0.00%		15,236.46	0.00%		12,142,787.14	0.00%
BEAR STERNS & CO. INC.				4,752,860.75	0.00%		1,950.00	0.00%		4,752,860.75	0.00%
BEATING WALL STREET INC				171,225.00	0.00%		432.00	0.00%		171,225.00	0.00%
BENCHMARK COMPANY LLC				14,321,625.91	0.00%		13,807.53	0.00%		14,321,625.91	0.00%
BERNSTEIN (SANFORD C.) AND COMPANY LLC				334,502,249.71	0.00%		267,329.60	0.00%		334,502,249.71	0.00%
BGB SECURITIES INC.				26,747,867.50	0.00%		28,500.00	0.00%		26,747,867.50	0.00%
BIDS TRADING				1,043,127.94	0.00%		976.00	0.00%		1,043,127.94	0.00%
BLAIR (WILLIAM) & COMPANY LLC				126,871,054.51	0.00%		153,001.24	0.00%		126,871,054.51	0.00%
BLAYLOCK ROBERT VAN LLC				107,063.50	0.00%		527.77	0.00%		107,063.50	0.00%
BLOCKCROSS				10,141,656.14	0.00%		9,509.62	0.00%		10,141,656.14	0.00%
BLOOMBERG TRADEBOOK, LLC	x		256,430,208.29	256,430,208.29	1.40%	217,294.39	217,294.39	1.50%		256,430,208.29	0.00%
BMO CAPITAL MARKETS				48,334,480.08	0.00%		57,055.89	0.00%		48,334,480.08	0.00%
BNP PARIBAS				1,803,450.00	0.00%		3,929.06	0.00%		1,803,450.00	0.00%
BNY MELLON CAPITAL				115,122,234.00	0.00%		44,798.58	0.00%		115,122,234.00	0.00%
BRANDT (ROBERT) & COMPANY				508,827.00	0.00%		1,140.00	0.00%		508,827.00	0.00%
BREAN CAPITAL LLC				12,848,086.00	0.00%		42,824.00	0.00%		12,848,086.00	0.00%
BROWN BROTHERS HARRIMAN & COMPANY				12,027,986.99	0.00%		19,585.65	0.00%		12,027,986.99	0.00%
BTIG/BASS TRADING				60,452,245.86	0.00%		48,739.27	0.00%		60,452,245.86	0.00%
BUCKINGHAM RESEARCH				17,987,007.92	0.00%		78,125.00	0.00%		17,987,007.92	0.00%
CABRERA CAPITAL MARKETS				4,062.50	0.00%		6.25	0.00%		4,062.50	0.00%
CANACCORD GENUITY INC				17,166,268.08	0.00%		40,072.11	0.00%		17,166,268.08	0.00%
CANTOR FITZGERALD & COMPANY				727,455,063.15	0.00%		647,479.86	0.00%		727,455,063.15	0.00%
CAPIS TRADING				166,687,827.58	0.00%		83,343.96	0.00%		166,687,827.58	0.00%
CAPITAL ONE SOUTHCOAST			-	44,100.00	0.00%	-	1,056.00	0.00%	-	44,100.00	0.00%
CAPSTONE INVESTMENTS				243,191.00	0.00%		570.00	0.00%		243,191.00	0.00%
CARIS AND COMPANY				34,616,449.14	0.00%		72,770.60	0.00%		34,616,449.14	0.00%
CASTLEOAK SECURITIES	x		36,483.50	36,483.50	0.00%	198.81	198.81	0.00%		36,483.50	0.00%
C.E. UNTERBERG, TOWBIN				5,228,516.00	0.00%		4,422.00	0.00%		5,228,516.00	0.00%
CHARLES RIVER BROKERAGE			-	34,842.38	0.00%	-	37.79	0.00%	-	34,842.38	0.00%
CHEEVERS & COMPANY INC				1,376,985.00	0.00%		750.00	0.00%		1,376,985.00	0.00%
CIBC WORLD MARKET CORPORATION				3,820,333.66	0.00%		7,774.16	0.00%		3,820,333.66	0.00%
CITIGROUP CAPITAL MARKETS	x		633,336,438.67	633,336,438.67	3.46%	996,218.18	996,218.18	6.87%		633,336,438.67	0.00%
CONVERGEX				57,492,067.43	0.00%		49,227.86	0.00%		57,492,067.43	0.00%
COWEN & COMPANY LLC	x		147,837,290.18	147,837,290.18	0.81%	225,473.05	225,473.05	1.56%		147,837,290.18	0.00%
CREDIT AGRICOLE CHEUVREUX				44,100.00	0.00%		1,056.00	0.00%		44,100.00	0.00%
CREDIT AGRICOLE SECURITIES USA				5,104,303.20	0.00%		12,600.00	0.00%		5,104,303.20	0.00%
CREDIT SUISSE SECURITIES				567,765,781.81	0.00%		483,234.41	0.00%		567,765,781.81	0.00%
CRT CAPITAL GROUP LLC				4,428,447.90	0.00%		2,320.00	0.00%		4,428,447.90	0.00%
D.A. DAVIDSON & CO				4,124,988.40	0.00%		3,971.99	0.00%		4,124,988.40	0.00%
DAHLMAN ROSE & CO				14,672,595.73	0.00%		28,363.60	0.00%		14,672,595.73	0.00%
DEUTSCHE BANK SECURITIES INC.				377,431,412.15	0.00%		472,323.48	0.00%		377,431,412.15	0.00%
DIRECT ACCESS PARTNERS				14,635,212.01	0.00%		10,221.27	0.00%		14,635,212.01	0.00%
DISCERN SECURITIES			-	10,923,212.50	0.00%	-	33,250.00	0.00%	-	10,923,212.50	0.00%
DOUGHERTY & CO				8,035,219.00	0.00%		8,911.95	0.00%		8,035,219.00	0.00%
DOWLING PARTNERS				16,477.50	0.00%		37.07	0.00%		16,477.50	0.00%
DREXEL HAMILTON LLC			-	36,483.50	0.00%	-	198.81	0.00%	-	36,483.50	0.00%
ESPOSITO SECURITIES				2,752,180.00	0.00%		2,671.00	0.00%		2,752,180.00	0.00%
EVERCORE PARTNERS INC			-	26,689,949.39	0.00%	-	39,714.40	0.00%	-	26,689,949.39	0.00%
EVEREN SECURITIES				4,062.50	0.00%		6.25	0.00%		4,062.50	0.00%
FAIRWAY SECURITIES, DIVISION OF HORWITZ & ASSOCIATES, INC.	x		7,676,928.80	7,676,928.80	0.04%	14,059.50	14,059.50	0.10%		7,676,928.80	0.00%
FBR CAPITAL MARKETS & COMPANY				16,415,880.03	0.00%		23,257.59	0.00%		16,415,880.03	0.00%
FELTL & CO				2,913,721.64	0.00%		2,409.60	0.00%		2,913,721.64	0.00%
FIDELITY CAPITAL MARKETS				18,690,487.64	0.00%		12,391.12	0.00%		18,690,487.64	0.00%
FIG PARTNERS				652,382.00	0.00%		524.00	0.00%		652,382.00	0.00%
FIRST BOSTON				2,867,196.48	0.00%		7,971.00	0.00%		2,867,196.48	0.00%
FREIDMAN, BILLINGS RAMSEY & CO.				8,513,927.75	0.00%		6,654.36	0.00%		8,513,927.75	0.00%
FREIMARK BLAIR & CO, INC.				14,639,652.64	0.00%		35,612.35	0.00%		14,639,652.64	0.00%
GLOBAL HUNTER				1,448,581.00	0.00%		999.00	0.00%		1,448,581.00	0.00%
GOLDMAN SACHS				1,249,876,354.48	0.00%		660,050.86	0.00%		1,249,876,354.48	0.00%
GREEN STREET ADVISORS				1,239,051.00	0.00%		1,500.00	0.00%		1,239,051.00	0.00%
GREENWICH PRIME TRADING			-	5,984,807.06	0.00%	-	11,494.52	0.00%	-	5,984,807.06	0.00%
GUGGENHEIM SECURITIES				52,342,682.13	0.00%		75,610.70	0.00%		52,342,682.13	0.00%
GUZMAN & CO.				122,192,854.98	0.00%		61,096.95	0.00%		122,192,854.98	0.00%
HALLUM (CRAIG) CAPITAL GROUP				5,744,237.49	0.00%		9,927.47	0.00%		5,744,237.49	0.00%
HOWARD, WEIL, LABOUISSSE, FREIDRICH, INC				11,580,853.49	0.00%		31,585.00	0.00%		11,580,853.49	0.00%
HSBC SECURITIES (USA)				6,358,527.84	0.00%		7,418.59	0.00%		6,358,527.84	0.00%
ICAP CORPORATES LLC				67,224,574.19	0.00%		38,651.54	0.00%		67,224,574.19	0.00%
ING FINANCIAL MARKETS LLC				30,225.00	0.00%		68.00	0.00%		30,225.00	0.00%
INTERNATIONAL STRATEGY AND INVESTMENT GROUP				182,007,737.98	0.00%		242,111.88	0.00%		182,007,737.98	0.00%
ITG, INC.				1,351,276,712.56	0.00%		1,032,977.81	0.00%		1,351,276,712.56	0.00%
IVY SECURITIES				1,581,253.81	0.00%		2,803.05	0.00%		1,581,253.81	0.00%

EQUITY BROKER/DEALERS
U.S. Equity/Internal and External (combined)
July 1, 2012 - June 30, 2013

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed with All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Broker /Dealers	Dollar (\$) Amount of Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Commissions Paid to All Broker/Dealers	Percentage (%) of Total Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Dollar (\$) Amount of Trades Executed With All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
J.A. GLYNN & CO.				2,512,320.00	0.00%		3,000.00	0.00%		2,512,320.00	0.00%
J.P. MORGAN SECURITIES INC	x		1,187,537,215.38	1,187,537,215.38	6.49%	744,246.86	744,246.86	5.14%		1,187,537,215.38	0.00%
JANNEY MONTGOMERY SCOTT				11,344,604.38	0.00%		12,340.72	0.00%		11,344,604.38	0.00%
JEFFERIES AND CO. INC.				483,227,771.46	0.00%		406,867.14	0.00%		483,227,771.46	0.00%
JMP SECURITIES				7,316,258.10	0.00%		11,197.82	0.00%		7,316,258.10	0.00%
JNK SECURITIES				5,302,020.50	0.00%		12,250.00	0.00%		5,302,020.50	0.00%
JONES TRADING INSTITUTIONAL SERVICES LLC				98,560,863.01	0.00%		98,652.59	0.00%		98,560,863.01	0.00%
KCCI				4,819,345.23	0.00%		6,390.00	0.00%		4,819,345.23	0.00%
KEEFE BRUYETTE & WOODS				23,732,670.51	0.00%		44,527.41	0.00%		23,732,670.51	0.00%
KEYBANC CAPITAL MARKETS	x		108,152,886.93	108,152,886.93	0.59%	181,403.89	181,403.89	1.25%		108,152,886.93	0.00%
KING C.L. & ASSOC				3,499,723.71	0.00%		4,402.62	0.00%		3,499,723.71	0.00%
KING (M. RAMSEY) SECURITIES INC.				14,771,802.68	0.00%		26,124.45	0.00%		14,771,802.68	0.00%
KNIGHT EQUITY MARKETS				162,729,841.08	0.00%		143,328.29	0.00%		162,729,841.08	0.00%
LAZARD CAPITAL MARKETS				32,346,454.62	0.00%		61,619.41	0.00%		32,346,454.62	0.00%
LEBENTHAL & CO. LLC				32,421.00	0.00%		192.56	0.00%		32,421.00	0.00%
LEERINK SWAN LLC				41,534,832.60	0.00%		59,269.57	0.00%		41,534,832.60	0.00%
LEK SECURITIES				1,577,320.00	0.00%		1,399.00	0.00%		1,577,320.00	0.00%
LIQUIDNET, INC				168,983,851.36	0.00%		162,923.96	0.00%		168,983,851.36	0.00%
LONGBOW SECURITIES, LLC	x		70,199,351.19	70,199,351.19	0.38%	66,594.65	66,594.65	0.46%		70,199,351.19	0.00%
LOOP CAPITAL MARKETS				36,483.50	0.00%		198.81	0.00%		36,483.50	0.00%
LYNCH, JONES & RYAN GREAT LAKES REVIEW				2,446,710.88	0.00%		5,855.46	0.00%		2,446,710.88	0.00%
M.R. BEAL				27,934,602.15	0.00%		17,480.91	0.00%		27,934,602.15	0.00%
MACQUARIE SECURITIES INC.				91,260,152.01	0.00%		145,651.08	0.00%		91,260,152.01	0.00%
MAXIM GROUP				940,252.00	0.00%		738.00	0.00%		940,252.00	0.00%
MERRILL LYNCH, PIERCE, FENNER & SMITH INC.	x		391,903,375.60	391,903,375.60	2.14%	394,187.19	394,187.19	2.72%		391,903,375.60	0.00%
MFR SECURITIES				20,540.00	0.00%		43.32	0.00%		20,540.00	0.00%
MILLER TABAK & CO LLC				72,260,918.16	0.00%		133,032.00	0.00%		72,260,918.16	0.00%
MISCHLER FINANCIAL GROUP			-	88,756.82	0.00%	-	338.88	0.00%	-	88,756.82	0.00%
MITSUBISHI SECURITIES				44,100.00	0.00%		1,056.00	0.00%		44,100.00	0.00%
MIZUHO SECURITIES USA				2,785,376.35	0.00%		2,816.16	0.00%		2,785,376.35	0.00%
MKM PARTNERS				7,173,955.59	0.00%		6,883.04	0.00%		7,173,955.59	0.00%
MONNESS, CRESPI, HARDT & COMPANY				13,720,222.95	0.00%		32,141.70	0.00%		13,720,222.95	0.00%
MONTROSE SECURITIES				673,047.56	0.00%		384.00	0.00%		673,047.56	0.00%
MORGAN STANLEY & CO	x		309,238,730.15	309,238,730.15	1.69%	431,362.80	431,362.80	2.98%		309,238,730.15	0.00%
MURIEL SIEBERT & CO INC.				22,736.00	0.00%		167.88	0.00%		22,736.00	0.00%
NEEDHAM & CO				16,947,782.30	0.00%		36,908.39	0.00%		16,947,782.30	0.00%
NEUBERGER BERMAN				335,633.10	0.00%		-	0.00%		335,633.10	0.00%
NAXTIS BLISCHROEDER				30,225.00	0.00%		68.00	0.00%		30,225.00	0.00%
NOBLE FINANCIAL GROUP				105,405.00	0.00%		376.00	0.00%		105,405.00	0.00%
NOMURA SECURITIES				3,915,131,076.00	0.00%		939,256.21	0.00%		3,915,131,076.00	0.00%
NORTHCOAST RESEARCH				22,805,617.48	0.00%		25,134.00	0.00%		22,805,617.48	0.00%
NORTHLAND SECURITIES				3,451,417.01	0.00%		6,366.20	0.00%		3,451,417.01	0.00%
NORTH SOUTH CAPITAL				1,001,725.00	0.00%		2,010.00	0.00%		1,001,725.00	0.00%
O'NEIL SUCURITIES INC.			-	104,499,734.12	0.00%	-	48,593.59	0.00%	-	104,499,734.12	0.00%
OPPENHEIMER & CO.				117,327,178.36	0.00%		144,934.57	0.00%		117,327,178.36	0.00%
OTA LIMITED PARTNERSHIP				192,555.00	0.00%		396.00	0.00%		192,555.00	0.00%
PACIFIC CREST				97,983,453.38	0.00%		139,111.64	0.00%		97,983,453.38	0.00%
PHOENIX DERIVATIVES GROUP			-	27,213,093.43	0.00%	-	29,290.30	0.00%	-	27,213,093.43	0.00%
PIPER JAFFRAY, INC.	x		122,006,087.49	122,006,087.49	0.67%	161,470.36	161,470.36	1.11%		122,006,087.49	0.00%
PNC MORTGAGE CORP.				30,225.00	0.00%		68.00	0.00%		30,225.00	0.00%
PORTSMOUTH FINANCIAL SERVICES				830,785.00	0.00%		1,140.00	0.00%		830,785.00	0.00%
RAMIREZ & COMPANY, INC.				69,633.55	0.00%		273.40	0.00%		69,633.55	0.00%
RAVEN SECURITIES				75,503,692.92	0.00%		35,663.34	0.00%		75,503,692.92	0.00%
RAYMOND JAMES & ASSOCIATES, INC.	x		68,943,528.39	68,943,528.39	0.38%	85,799.31	85,799.31	0.59%		68,943,528.39	0.00%
RBC CAPITAL MARKETS (RBC DAIN RAUSCHER)	x		162,951,031.17	162,951,031.17	0.89%	167,403.96	167,403.96	1.16%		162,951,031.17	0.00%
RBS SECURITIES INC.				151,575.00	0.00%		2,254.59	0.00%		151,575.00	0.00%
RILEY B. & CO				7,979,975.00	0.00%		9,637.00	0.00%		7,979,975.00	0.00%
ROBERT W. BAIRD & CO., INC.	x		382,764,346.34	382,764,346.34	2.09%	370,438.73	370,438.73	2.56%		382,764,346.34	0.00%
ROCHDALE SECURITIES				156,503.44	0.00%		134.14	0.00%		156,503.44	0.00%
ROSENBLATT SEC				125,389,795.27	0.00%		62,695.07	0.00%		125,389,795.27	0.00%
ROTH CAPITAL				3,677,480.53	0.00%		7,136.25	0.00%		3,677,480.53	0.00%
SANDLER O'NEILL & PARTNERS, L.P.				23,430,242.82	0.00%		33,849.59	0.00%		23,430,242.82	0.00%
SCOTIA CAPITAL				118,425.00	0.00%		2,180.00	0.00%		118,425.00	0.00%
SECURITY RESEARCH ASSOCIATES				2,323,876.00	0.00%		1,838.00	0.00%		2,323,876.00	0.00%
SG AMERICAS SECURITIES LLC				30,225.00	0.00%		68.00	0.00%		30,225.00	0.00%
SIDOTI & CO				2,741,185.54	0.00%		1,648.84	0.00%		2,741,185.54	0.00%
SIMMONS & CO. INTERNATIONAL				10,598,455.75	0.00%		32,190.00	0.00%		10,598,455.75	0.00%
SMBC (SUMITOMO MITSUI BANKING CORPORATION)				74,325.00	0.00%		1,124.00	0.00%		74,325.00	0.00%
STANDARD CHARTER BANK				63,375.00	0.00%		142.59	0.00%		63,375.00	0.00%
STATE STREET GLOBAL MARKETS				106,869,812.98	0.00%		58,289.28	0.00%		106,869,812.98	0.00%
STEPHENS & CO				11,528,371.55	0.00%		15,570.35	0.00%		11,528,371.55	0.00%
STERNE AGEE & LEACH, INC.				26,065,540.07	0.00%		36,969.49	0.00%		26,065,540.07	0.00%
STIFEL, NICOLAS & CO. INC.	x		86,357,674.16	86,357,674.16	0.47%	89,443.13	89,443.13	0.62%		86,357,674.16	0.00%
STRATEGAS RESEARCH PARTNERS				19,998,605.29	0.00%		40,094.00	0.00%		19,998,605.29	0.00%
SUNBELT SECURITIES				12,596,158.00	0.00%		15,444.00	0.00%		12,596,158.00	0.00%
SUNTRUST ROBINSON HUMPHREY INC.				10,444,072.19	0.00%		15,455.42	0.00%		10,444,072.19	0.00%
SUSQUEHANNA FIN. GROUP				103,152,442.08	0.00%		149,128.19	0.00%		103,152,442.08	0.00%
TELSEY ADVISORY GROUP LLC	x		36,651,405.34	36,651,405.34	0.20%	59,185.70	59,185.70	0.41%		36,651,405.34	0.00%

EQUITY BROKER/DEALERS
U.S. Equity/Internal and External (combined)
July 1, 2012 - June 30, 2013

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed with All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Broker /Dealers	Dollar (\$) Amount of Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Commissions Paid to All Broker/Dealers	Percentage (%) of Total Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Dollar (\$) Amount of Trades Executed With All Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
THEMIS TRADING				70,110,675.41	0.00%		116,157.16	0.00%		70,110,675.41	0.00%
THINKEQUITY PARTNERS				2,665,301.84	0.00%		3,943.28	0.00%		2,665,301.84	0.00%
TOPEKA CAPITAL MARKETS			-	5,453,335.64	0.00%	-	16,010.00	0.00%	-	5,453,335.64	0.00%
TUDOR PICKERING				12,783,282.14	0.00%		28,985.00	0.00%		12,783,282.14	0.00%
TOUSSAINT CAPITAL				22,736.00	0.00%		167.88	0.00%		22,736.00	0.00%
UBS SECURITIES LLC				818,247,241.93	0.00%		609,584.82	0.00%		818,247,241.93	0.00%
UNICREDIT CAPITAL MARKETS			-	30,225.00	0.00%	-	68.00	0.00%	-	30,225.00	0.00%
VOYAGER INSTITUTIONAL SERVICES LLC	x		11,330,053.53	11,330,053.53	0.06%	37,598.50	37,598.50	0.26%		11,330,053.53	0.00%
WACHOVIA SECURITIES, LLC				25,706,773.08	0.00%		13,260.87	0.00%		25,706,773.08	0.00%
WEDBUSH AND MORGAN				40,538,054.08	0.00%		37,053.78	0.00%		40,538,054.08	0.00%
WEEDEN & CO LP				483,918,667.96	0.00%		297,540.97	0.00%		483,918,667.96	0.00%
WELLS FARGO SECURITIES LLC	x		210,694,410.18	210,694,410.18	1.15%	228,706.65	228,706.65	1.58%		210,694,410.18	0.00%
WILLIAM SMITH SECURITIES				5,154,999.00	0.00%		5,115.00	0.00%		5,154,999.00	0.00%
WILLIAMS CAPITAL GROUP, LP				15,959,357.53	0.00%		12,259.90	0.00%		15,959,357.53	0.00%
WUNDERLICH SECURITIES INC.				12,505,876.01	0.00%		29,737.57	0.00%		12,505,876.01	0.00%
TOTAL			4,194,047,445.29	18,299,512,888.34	22.92%	4,471,085.66	14,490,522.58	30.86%	-	18,299,512,888.34	0.00%

OHIO-QUALIFIED DOMESTIC EQUITY BROKER/DEALER SUMMARY

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Percentage (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker /Dealers	Dollar (\$) Amount of Commissions Paid to Ohio-Qualified Broker/Dealers	Percentage (%) of Total Commissions Paid to Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percentage (%) of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
BLOOMBERG TRADEBOOK, LLC	x		256,430,208.29	1.40%	217,294.39	1.50%		0.00%
CASTLEOAK SECURITIES	x		36,483.50	0.00%	198.81	0.00%		0.00%
CITIGROUP CAPITAL MARKETS	x		633,336,438.67	3.46%	996,218.18	6.87%		0.00%
COWEN & COMPANY LLC	x		147,837,290.18	0.81%	225,473.05	1.56%		0.00%
FAIRWAY SECURITIES, DIVISION OF HORWITZ & ASSOCIATES, INC.	x		7,676,928.80	0.04%	14,059.50	0.10%		0.00%
J.P. MORGAN SECURITIES INC	x		1,187,537,215.38	6.49%	744,246.86	5.14%		0.00%
KEYBANC CAPITAL MARKETS	x		108,152,886.93	0.59%	181,403.89	1.25%		0.00%
Longbow Securities, LLC	x		70,199,351.19	0.38%	66,594.65	0.46%		0.00%
MERRILL LYNCH, PIERCE, FENNER & SMITH INC.	x		391,903,375.60	2.14%	394,187.19	2.72%		0.00%
MORGAN STANLEY & CO	x		309,238,730.15	1.69%	431,362.80	2.98%		0.00%
PIPER JAFFRAY, INC.	x		122,006,087.49	0.67%	161,470.36	1.11%		0.00%
RAYMOND JAMES & ASSOCIATES, INC.	x		68,943,528.39	0.38%	85,799.31	0.59%		0.00%
RBC CAPITAL MARKETS (RBC DAIN RAUSCHER)	x		162,951,031.17	0.89%	167,403.96	1.16%		0.00%
ROBERT W. BAIRD & CO., INC.	x		382,764,346.34	2.09%	370,438.73	2.56%		0.00%
STIFEL, NICOLAS & CO, INC.	x		86,357,674.16	0.47%	89,443.13	0.62%		0.00%
TELSEY ADVISORY GROUP LLC	x		36,651,405.34	0.20%	59,185.70	0.41%		0.00%
VOYAGER INSTITUTIONAL SERVICES LLC	x		11,330,053.53	0.06%	37,598.50	0.26%		0.00%
WELLS FARGO SECURITIES LLC	x		210,694,410.18	1.15%	228,706.65	1.58%		0.00%
TOTAL OHIO-QUALIFIED			4,194,047,445.29	22.92%	4,471,085.66	30.86%	-	0.00%

FIXED INCOME BROKER/DEALERS
U.S./ Internal and External (combined)
July 1, 2003 - June 30, 2004

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	\$ Amount Trades Executed with Ohio-Qualified Broker/Dealers	\$ Amount Of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broker/Dealers	\$ Amount Trades Executed with Ohio-Qualified Minority Broker/Dealers	% Of Total Trades Executed Through Ohio-Qualified Minority Broker/Dealers
ABEL NOSER				410,399.89			
BB&T CAPITAL MARKETS	X		21,300.00	21,300.00	0.00%		
BNP CAPITAL				1,863,449.51			
BANC AMERICA				9,955,663.95			
BANK OF AMERICA SECURITIES				274,840,356.16			
BARCLAYS CAPITAL				2,802,104.73			
BNY DIRECT EXECUTION				1,381,827.31			
BEAR STEARNS & CO				24,259,392.31			
BLAYLOCK & PARTNERS L.P.				30,401,791.11			
CRT CAPITAL GROUP LLC				458,417.29			
CANADIAN IMPERIAL BANK OF COMMERCE				1,278,837.16			
CIBC WORLD MARKET CORPORATION				2,081,659.04			
CITIGROUP GLOBAL MARKETS, INC.	X		634,296,385.22	634,296,385.22	8.51%		
COUNTRYWIDE SECURITIES				540,038,068.09			
SG COWEN SECURITIES CORPORATION	X		1,838,266.92	1,838,266.92	0.02%		
CREDIT RESEARCH				182,737.25			
CREDIT SUISSE FIRST BOSTON				638,915,806.96			
DELAWARE BAY COMPANY				15,575.00			
DEUTSCHE BANK				318,009,029.21			
FIRST ALBANY				266,833.33			
FLEET SECURITIES, INC.				151,990.50			
GE CAPITAL				9,472,645.11			
GOLDMAN SACHS				521,835,407.01			
GREENWICH CAPITAL MARKETS, INC.				292,795,272.54			
IMPERIAL CAPITAL				178,016.67			
JEFFERIES & COMPANY, INC.				2,477,566.81			
KBC FINANCIAL PRODUCTS UK LIMITED				10,772,200.67			
LAZARD				56,921.56			
LEHMAN BROTHERS				1,164,893,842.04			
LIBERTAS PARTNERS LLC				212,424.06			
LOOP CAPITAL MARKETS L.L.C				184,512.35			
MCDONALD INVESTMENTS/KEYBANC	X		73,538,039.00	73,538,039.00	0.99%		
MCFADDEN				10,604,942.19			
MERRILL LYNCH	X		1,045,578,311.87	1,045,578,311.87	14.03%		
MILLER TABAK & COMPANY LLC				173,635.11			
MORGAN (J.P.) CHASE & COMPANY	X		993,784,750.43	993,784,750.43	13.33%		
MORGAN JOSEPH & CO.				3,270,227.84			
MORGAN STANLEY DEAN WITTER				307,395,646.99			
NESBITT BURNS				173,400.00			
PARIBAS				900,000.00			
RAYMOND JAMES & ASSOCIATES, INC.	X		603,894.31	603,894.31	0.01%		
RBC CAPITAL MARKETS	X		1,502,438.19	1,502,438.19	0.02%		
ROYAL BANK CANADA				797,514.87			
SCOTIA CAPITAL				61,495.83			
SOCIETE GENERALE				3,437,449.50			
SPEAR LEEDS MFN				2,339,328.16			
TD SECURITIES				506,253.13			
UBS WARBURG, L.L.C.	X		418,696,302.85	418,696,302.85	5.62%		
UTENDAHL CAPITAL PARTNERS, L.P.				3,293,119.55			
WACHOVIA SECURITIES, INC.	X		7,835,143.69	7,835,143.69	0.11%		
WILLIAMS CAPITAL GROUP				91,614,675.32			
TOTAL			\$3,177,694,832.48	\$7,452,455,268.60	42.64%		

OHIO-QUALIFIED FIXED INCOME BROKER/DEALER SUMMARY

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker-Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Minority Broker-Dealers
BB&T CAPITAL MARKETS	X		21,300.00	0.00%	-	0.00%
CITIGROUP GLOBAL MARKETS, INC.	X		634,296,385.22	8.51%	-	0.00%
SG COWEN SECURITIES CORPORATION	X		1,838,266.92	0.02%	-	0.00%
MCDONALD INVESTMENTS/KEYBANC	X		73,538,039.00	0.99%	-	0.00%
MERRILL LYNCH	X		1,045,578,311.87	14.03%	-	0.00%
MORGAN (J.P.) CHASE & COMPANY	X		993,784,750.43	13.33%	-	0.00%
RAYMOND JAMES & ASSOCIATES, INC.	X		603,894.31	0.01%	-	0.00%
RBC CAPITAL MARKETS	X		1,502,438.19	0.02%	-	0.00%
UBS WARBURG, L.L.C.	X		418,696,302.85	5.62%	-	0.00%
WACHOVIA SECURITIES, INC.	X		7,835,143.69	0.11%	-	0.00%
TOTAL			3,177,694,832.48	42.64%	-	0.00%

FIXED INCOME BROKER/DEALERS
U.S. / INTERNAL AND EXTERNAL (combined)
July 1, 2012 - June 30, 2013

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With All Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker-Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Minority Broker-Dealers
ABN-AMRO			-	347,934.50	0.00%	-	0.00%
AMHERST SECURITIES GROUP INC.			-	76,743.04	0.00%	-	0.00%
APCO PARTNERS			-	75,546.38	0.00%	-	0.00%
BANCA IMI S.P.A.			-	124,047.75	0.00%	-	0.00%
BANCO INTESA			-	118,850.84	0.00%	-	0.00%
BANK OF AMERICA SECURITIES			-	31,738,143.67	0.00%	-	0.00%
BANK OF MONTREAL			-	1,000,000.00	0.00%	-	0.00%
BANK OF TOYKO			-	848,707.05	0.00%	-	0.00%
BARCLAYS CAPITAL			-	1,047,581,374.34	0.00%	-	0.00%
BB&T CAPITAL MARKETS			-	2,025,306.42	0.00%	-	0.00%
BLAYLOCK ROBERT VAN			-	369,323.00	0.00%	-	0.00%
BMO CAPITAL			-	3,806,000.04	0.00%	-	0.00%
BNP CAPITAL			-	8,226,715.17	0.00%	-	0.00%
BNY MELLON CAPITAL MARKETS			-	4,235,908.28	0.00%	-	0.00%
BROWN BROTHERS HARRIMAN			-	3,883,573.80	0.00%	-	0.00%
CANTOR FITZGERALD			-	3,516,634.89	0.00%	-	0.00%
CAPITAL ONE SOUTHCOAST			-	198,961.50	0.00%	-	0.00%
CASTLEOAK SECURITIES	x		230,295,173.38	230,295,173.38	3.04%	-	0.00%
CIBC WORLD MARKET CORPORATION			-	1,013,674.98	0.00%	-	0.00%
CITIGROUP CAPITAL MARKETS	x		498,396,115.11	498,396,115.11	6.57%	-	0.00%
COMERICA SECURITIES			-	198,961.50	0.00%	-	0.00%
COMMERZ MARKETS LLC			-	74,174.25	0.00%	-	0.00%
CONVERGEX EXECUTION SOLUTIONS			-	1,368,460.25	0.00%	-	0.00%
CREDIT AGRICOLE CHEURVEUX NORTH AMERICA			-	4,616,520.77	0.00%	-	0.00%
CREDIT SUISSE SECURITIES			-	486,096,090.36	0.00%	-	0.00%
CRT CAPITAL GROUP LLC			-	290,700.00	0.00%	-	0.00%
DAIWA SECURITIES			-	939,359.06	0.00%	-	0.00%
DEUTSCHE BANK			-	456,240,551.08	0.00%	-	0.00%
DIRECT			-	22,401.90	0.00%	-	0.00%
DNB NOR MARKETS			-	688,263.00	0.00%	-	0.00%
DREXEL HAMILTON LLC			-	553,374.43	0.00%	-	0.00%
FIFTH THIRD SECURITIES	x		374,443.04	374,443.04	0.00%	-	0.00%
FIRST TENNESSEE BANK			-	149,088.00	0.00%	-	0.00%
GLEACHER & CO. SECURITIES			-	4,542,854.75	0.00%	-	0.00%
GLOBAL HUNTER SECURITIES LLC			-	577,935.42	0.00%	-	0.00%
GMP SECURITIES LLC			-	514,325.00	0.00%	-	0.00%
GOLDMAN SACHS			-	1,136,065,340.60	0.00%	-	0.00%
HSBC SECURITIES INC			-	24,333,853.83	0.00%	-	0.00%
IMPERIAL TRUST CAPITAL			-	20,454.00	0.00%	-	0.00%
ING CAPITAL			-	997,028.17	0.00%	-	0.00%
J.P. MORGAN SECURITIES, INC.	x		938,521,385.84	938,521,385.84	12.38%	-	0.00%
JEFFERIES & COMPANY, INC.			-	22,638,658.60	0.00%	-	0.00%
KEYBANC NATIONAL ASSOCIATION	x		44,214,244.41	44,214,244.41	0.58%	-	0.00%
KNIGHT EQUITY MARKETS			-	1,694,466.50	0.00%	-	0.00%
KOTA GLOBAL SECURITIES			-	49,873.50	0.00%	-	0.00%
LAZARD CAPITAL MARKETS LLC			-	2,772,070.54	0.00%	-	0.00%
LEBENTHAL & CO.			-	4,561,065.38	0.00%	-	0.00%
LOOP CAPITAL MARKETS L.L.C			-	81,961,715.50	0.00%	-	0.00%
LLOYDS TSB			-	822,874.88	0.00%	-	0.00%
MERRILL LYNCH, PIERCE, FENNER & SMITH INC.	x		720,057,029.01	720,057,029.01	9.50%	-	0.00%
MFR SECURITIES INC.			-	49,873.50	0.00%	-	0.00%
MISCHLER FINANCIAL GROUP			-	4,385,949.50	0.00%	-	0.00%
MITSUBISHI SECURITIES			-	8,869,426.25	0.00%	-	0.00%
MIZHOU BANK			-	15,780,176.15	0.00%	-	0.00%
MORGAN STANLEY DEAN WITTER	x		428,710,687.65	428,710,687.65	5.65%	-	0.00%
MURIEL SIEBERT			-	1,600,000.00	0.00%	-	0.00%
NATIONAL BANK OF CANADA			-	75,546.38	0.00%	-	0.00%
NATIXIS SECURITIES NORTH AMERICA			-	421,350.90	0.00%	-	0.00%
NEEDHAM & CO LLC			-	266,716.98	0.00%	-	0.00%
NOMURA SECURITIES INTERNATIONAL			-	125,752,239.20	0.00%	-	0.00%
OPPENHEIMER CAPITAL			-	3,441,082.28	0.00%	-	0.00%
PNC FINANCIAL			-	396,376.87	0.00%	-	0.00%
PRINCERIDGE GROUP LLC			-	3,865,294.54	0.00%	-	0.00%
RABO SECURITIES USA			-	198,780.40	0.00%	-	0.00%
RAMIREZ (SAMUEL A.) & CO.			-	5,985,847.50	0.00%	-	0.00%
ROBERT W. BAIRD & CO	x		133,908.00	133,908.00	0.00%	-	0.00%
RBC CAPITAL MARKETS	x		166,557,524.40	166,557,524.40	2.20%	-	0.00%
RB INTERNATIONAL MARKETS			-	149,088.00	0.00%	-	0.00%
RBS FINANCIAL MARKETS - (Royal Bank of Scotland)			-	630,953,953.89	0.00%	-	0.00%
SANTANDER INVESTMENT SECURITIES INC			-	895,663.25	0.00%	-	0.00%
SCOTIA CAPITAL			-	8,659,877.40	0.00%	-	0.00%
SEAPORT GROUP			-	276,250.00	0.00%	-	0.00%
SG AMERICAS SECURITIES			-	4,538,180.13	0.00%	-	0.00%
SMBC NIKKO CAPITAL MARKETS LTD.			-	1,107,230.03	0.00%	-	0.00%
STANDARD CHARTERED BANK			-	1,623,776.64	0.00%	-	0.00%
STATE STREET			-	2,273,406.25	0.00%	-	0.00%
STERN, AGEE & LEACH			-	15,081,326.51	0.00%	-	0.00%
SUMITOMO			-	423,535.15	0.00%	-	0.00%

FIXED INCOME BROKER/DEALERS
U.S. / INTERNAL AND EXTERNAL (combined)
July 1, 2012 - June 30, 2013

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Dollar (\$) Amount of Trades Executed With All Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker-Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Minority Broker-Dealers
SUNTRUST CAPITAL MARKETS, INC.			-	4,705,118.00	0.00%	-	0.00%
SVENSKA HANDELSBANKEN			-	171,191.09	0.00%	-	0.00%
TD SECURITIES			-	6,991,498.90	0.00%	-	0.00%
UBS SECURITIES, L.L.C.			-	18,659,154.64	0.00%	-	0.00%
US BANCORP			-	20,498,956.77	0.00%	-	0.00%
WELLS FARGO SECURITIES	x		287,166,996.76	287,166,996.76	3.79%	-	0.00%
WILLIAM BLAIR & CO LLC			-	254,407.12	0.00%	-	0.00%
WILLIAMS CAPITAL GROUP			-	37,389,515.32	0.00%	-	0.00%
TOTAL			3,314,427,507.60	7,582,146,204.06	43.71%	-	0.00%

OHIO-QUALIFIED FIXED INCOME BROKER/DEALER SUMMARY

Broker/Dealer Retained by Public Fund	Check if Ohio-Qualified Broker/Dealer	Check if Ohio-Qualified Minority Broker/Dealer	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Broker-Dealers	Dollar (\$) Amount of Trades Executed With Ohio-Qualified Minority Broker/Dealers	Percent (%) of Total Dollar (\$) Trades Executed Through Ohio-Qualified Minority Broker-Dealers
CASTLEOAK SECURITIES	x		230,295,173.38	3.04%	-	0.00%
CITIGROUP CAPITAL MARKETS	x		498,396,115.11	6.57%	-	0.00%
FIFTH THIRD SECURITIES	x		374,443.04	0.00%	-	0.00%
J.P. MORGAN SECURITIES, INC.	x		938,521,385.84	12.38%	-	0.00%
KEYBANC NATIONAL ASSOCIATION	x		44,214,244.41	0.58%	-	0.00%
MERRILL LYNCH, PIERCE, FENNER & SMITH INC.	x		720,057,029.01	9.50%	-	0.00%
MORGAN STANLEY DEAN WITTER	x		428,710,687.65	5.65%	-	0.00%
ROBERT W. BAIRD & CO	x		133,908.00	0.00%	-	0.00%
RBC CAPITAL MARKETS	x		166,557,524.40	2.20%	-	0.00%
WELLS FARGO SECURITIES	x		287,166,996.76	3.79%	-	0.00%
OHIO-QUALIFIED TOTAL			3,314,427,507.60	43.71%	-	0.00%

INVESTMENT MANAGERS
(Public/Private Markets-- U.S. Equity/Int'l/Fixed Income/Real Estate/Private Equity)
June 30, 2004

TOTAL STRS ASSETS: June 30, 2004 \$54,275,972,025.36

Investment Management Firm Retained by STRS	Indication If Firm Is An Ohio-Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of Total STRS Assets	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of All Investment Managers Under Contract With STRS	Compensation Paid to All Managers Under Contract With STRS	Compensation Paid To All Ohio-Qualified Investment Managers	% of Total Compensation Paid that is Paid to Ohio-Qualified Investment Managers
Adams Capital Management III		\$7,896,803.00			\$440,000.00		
Advanced Technology Ventures VII		\$4,184,560.00			\$450,000.00		
AEW Partners		\$23,171,953.00			\$333,402.00		
AIIG Global Emerging Markets Fund		\$48,244,176.00			\$1,502,251.80		
Alpha Capital Fund II	X	\$337,954.00	0.00%	0.00%	\$60,000.00	60,000.00	0.07%
Apollo Investment Fund		\$97,254,000.00			\$1,624,932.00		
Ares Corporate Opportunities Fund		\$17,300,000.00			\$809,530.02		
Arrowstreet Capital		\$781,337,289.00			\$2,440,446.65		
Athenian Venture Partners	X	\$1,140,234.00	0.00%	0.01%	\$42,675.00	42,675.00	0.05%
Bain Capital		\$57,554,585.00			\$1,750,000.00		
Baker Communications		\$26,349,293.00			\$1,407,364.34		
Barclays Global Investors		\$639,704,095.53			\$1,718,449.87		
Beacon Group Energy Fund II		\$13,922,317.00			\$145,148.00		
Bernstein	X	\$1,895,768,742.00	3.49%	13.96%	\$6,840,368.54	6,840,368.54	7.65%
Blackstone		\$100,507,133.00			\$3,895,824.00		
Blue Chip Capital	X	\$25,060,637.00	0.05%	0.18%	\$375,000.00	375,000.00	0.42%
Brantley Venture Partners	X	\$9,454,112.70	0.02%	0.07%	\$250,000.00	250,000.00	0.28%
Brookside Capital Partners Fund		\$22,134,247.00			\$200,000.00		
C B Healthcare Fund		\$17,829,976.00			\$736,400.00		
Cardinal Health Partners		\$2,191,830.00			\$173,053.18		
Chartwell		\$65,161,180.18			\$373,707.83		
CHP II		\$14,123,445.00			\$750,000.00		
CID Mezzanine Capital		\$7,834,763.00			\$400,000.00		
Clayton, Dubilier & Rice Fund VI		\$20,078,775.00			\$620,191.00		
Commonwealth Capital Ventures III		\$6,101,000.00			\$460,000.00		
David A. Babson		\$18,579,942.60			\$127,324.00		
David J. Greene		\$71,302,707.39			\$537,647.00		
DLJ Partners		\$10,144,289.00			\$126,995.00		
Doughty Hanson		\$25,343,545.00			\$1,312,500.00		
Douglas Emmett Fund		\$23,315,000.00			\$146,711.25		
Duncan Hurst (terminated 9/23/03)							
Eagle		\$63,751,758.80			\$258,057.38		
Essex Woodlands Health Ventures VI		\$1,300,134.00			\$250,000.00		
Europa Capital Partners		\$25,059,978.57			\$750,000.00		
Fidelity	X	\$178,464,843.58	0.33%	1.31%	\$912,500.00	912,500.00	1.02%
First State		\$537,559,711.00			\$2,580,846.42		
Forest Systems		\$496,309,563.00			\$2,165,396.00		
Foundation Medical Partners	X	\$7,855,000.00	0.01%	0.06%	\$412,500.00	412,500.00	0.46%
Fox Paine Capital		\$55,508,559.00			\$1,313,030.00		
Francisco Partners		\$22,534,138.00			\$803,242.47		
Friedman Fleischer & Lowe II		\$212,895.15			\$523,680.46		
FS Equity Partners		\$39,447,398.00			\$1,282,429.00		
Fuller & Thaler		\$147,300,051.78			\$827,785.00		
General Catalyst Group II		\$6,383,216.00			\$350,000.00		
Genesis		\$585,585,219.00			\$3,221,834.22		
Gilbert Global Equity Partners		\$50,471,608.00			\$1,500,000.00		
Globespan Capital Partners IV		\$2,286,370.00			\$62,500.00		
Goldman Sachs		\$690,821,130.08			\$306,474.00		
HarbourVest		\$137,770,366.00			\$4,225,000.00		
Heartland Industrial Partners		\$23,606,585.00			\$375,000.00		
Intech		\$279,312,597.74			\$854,508.59		
Jacobs Levy		\$1,196,228,612.55			\$2,061,718.08		
LaSalle Asia		\$40,649,941.00			\$875,000.00		
Lehman Bros Mrcht Banking Ptnrs II		\$28,768,209.00			\$287,690.78		
Lend Lease		\$66,874,242.00			\$578,000.00		
Lighthouse Capital Partners V		\$2,316,575.00			\$145,833.33		
Lime Rock Partners II		\$13,096,606.00			\$537,551.00		
Linsalata Capital Partners	X	\$29,113,124.00	0.05%	0.21%	\$1,200,000.00	1,200,000.00	1.34%
Lord, Abbett		\$249,109,082.36			\$1,057,877.36		
M. A. Weatherbie		\$97,779,192.50			\$736,751.12		
Marvin & Palmer		\$1,436,548,073.00			\$6,942,723.51		
Meritage Private Equity		\$23,006,006.00			\$1,062,500.00		
Miami Valley Venture Fund	X	\$1,137,193.68	0.00%	0.01%	\$125,000.00	125,000.00	0.14%
Monitor Clipper Equity Partners II		\$1,861,346.00			\$384,396.87		
Morgenthaler Venture Partners	X	\$25,484,586.00	0.05%	0.19%	\$1,648,000.00	1,648,000.00	1.84%
New Enterprise Associates		\$13,121,683.00			\$139,333.33		
Next Century Growth		\$51,222,010.07			\$463,860.22		
Northcoast Fund		\$9,944,380.00			\$200,000.00		
Northwest Ohio Venture Fund		\$218,229.88			\$0.00		
Oak Hill Capital Partners		\$23,300,000.00			\$599,256.00		
Oaktree		\$149,119,109.99			\$736,478.00		
Ohio Innovation Fund I		\$1,926,034.00			\$60,000.00		
Oire Fund		\$40,000,000.00			\$152,010.00		
Orion		\$34,026,741.29			\$925,000.00		
Pacific Investment Mgt.		\$200,948,240.89			\$661,220.00		
Park Street Capital Private Equity Fund V		\$676,164.00			\$50,000.00		
Primus Capital	X	\$27,440,133.50	0.05%	0.20%	\$1,702,500.00	1,702,500.00	1.90%
Prism Venture Partners IV		\$7,016,400.00			\$450,000.00		
Pro Logis		\$71,300,000.00			\$397,834.00		
Providence Equity Partners IV		\$39,000,000.00			\$1,143,562.08		
Prudential		\$21,847,659.50			\$375,000.00		
Salomon Brothers		\$170,617,892.77			\$781,884.26		

INVESTMENT MANAGERS
(Public/Private Markets-- U.S. Equity/Int'l/Fixed Income/Real Estate/Private Equity)
June 30, 2004

TOTAL STRS ASSETS: June 30, 2004		\$54,275,972,025.36						
Investment Management Firm Retained by STRS	Indication If Firm Is An Ohio-Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of Total STRS Assets	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of All Investment Managers Under Contract With STRS	Compensation Paid to All Managers Under Contract With STRS	Compensation Paid To All Ohio-Qualified Investment Managers	% of Total Compensation Paid that is Paid to Ohio-Qualified Investment Managers	
Silver Lake Partners		\$16,500,000.00			\$323,116.73			
SKM Equity Fund III		\$13,686,409.00			\$888,117.00			
Soros		\$19,812,783.00			\$937,500.00			
SpaceVest II		\$6,934,416.00			\$500,000.00			
State Street		\$1,486,419,974.00			\$317,135.44			
Sunrise Capital Partners		\$9,900,000.00			\$574,656.00			
TPG Partners IV		\$8,921,608.77			\$595,290.00			
Tucker Anthony Private Equity		\$8,992,366.00			\$125,000.00			
UBS - Agrivest		\$2,740,878.63			\$134,398.42			
Warburg Pincus Private Equity		\$69,479,250.75			\$1,875,000.00			
Westbrook Partners		\$150,975,698.00			\$2,041,674.18			
Westcap		\$12,047,126.14			\$120,768.47			
WR Huff		\$298,444,998.30			\$1,472,588.10			
TOTAL		\$13,583,422,683.67	4.06%	16.21%	\$89,410,929.29	13,568,543.54	15.18%	

OHIO-QUALIFIED INVESTMENT MANAGER SUMMARY

Investment Management Firm Retained by STRS Ohio	Indication if Firm is an Ohio-Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of Total STRS Ohio Assets	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of All Investment Managers Under Contract with STRS	Compensation Paid to All Ohio-Qualified Investment Managers	Percentage (%) of Total Compensation Paid That is Paid to Ohio-Qualified Investment Managers
Alpha Capital Fund II	X	337,954.00	0.00%	0.00%	60,000.00	0.07%
Athenian Venture Partners	X	1,140,234.00	0.00%	0.01%	42,675.00	0.05%
Bernstein	X	1,895,768,742.00	3.49%	13.96%	6,840,368.54	7.65%
Blue Chip Capital	X	25,060,637.00	0.05%	0.18%	375,000.00	0.42%
Brantley Venture Partners	X	9,454,112.70	0.02%	0.07%	250,000.00	0.28%
Fidelity	X	178,464,843.58	0.33%	1.31%	912,500.00	1.02%
Foundation Medical Partners	X	7,855,000.00	0.01%	0.06%	412,500.00	0.46%
Linsalata Capital Partners	X	29,113,124.00	0.05%	0.21%	1,200,000.00	1.34%
Miami Valley Venture Fund	X	1,137,193.68	0.00%	0.01%	125,000.00	0.14%
Morgenthaler Venture Partners	X	25,484,586.00	0.05%	0.19%	1,648,000.00	1.84%
Primus Capital	X	27,440,133.50	0.05%	0.20%	1,702,500.00	1.90%
TOTAL		2,201,256,560.46	4.06%	16.21%	13,568,543.54	15.18%

INVESTMENT MANAGERS
(Public/Private Markets - U.S. Equity/International Equity/Fixed Income/Real Estate/Private Equity)
July 1, 2012 - June 30, 2013

TOTAL STRS OHIO ASSETS:	67,982,440,611.28		Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of Total STRS Ohio Assets	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of All Investment Managers Under Contract with STRS	Compensation Paid to All Managers Under Contract with STRS Ohio	Compensation Paid to All Ohio-Qualified Investment Managers	Percentage (%) of Total Compensation Paid That is Paid to Ohio-Qualified Investment Managers
Investment Management Firm Retained by STRS Ohio	Indication if Firm is an Ohio-Qualified Investment Manager	Total Assets Under Management					
Adams Capital Management III		6,022,703.00			123,512.00		
Advanced Technology Ventures VII		8,438,526.00			67,225.00		
Advent International GPE		9,279,112.00			676,116.00		
AG GECC Public-Private Investment Fund, L.P.		13,831.00			96,518.00		
AG Super Fund LP		192,110,792.00			1,519,986.00		
Apollo Investment Fund		400,618,962.00			1,667,755.00		
Ares Corporate Opportunities Fund		231,750,414.00			2,999,209.00		
Arrowstreet Capital		1,541,036,448.04			4,271,347.57		
Athenian Venture Partners	x	671,817.00	0.00%	0.00%	7,700.00	7,700.00	0.00%
Axiom Asia Private Capital		1,326,396.00			281,366.00		
Bain Capital Fund		516,094,803.00			12,007,184.00		
Baker Communications Fund		30,286,017.00			82,512.00		
Beacon Group Energy Fund II		1,399,194.00			-		
Benson Elliot R.E. Partners		43,208,069.00			1,788,875.00		
Bernstein (Alliance)	x	2,184,494,180.24	3.21%	11.43%	7,144,751.79	7,144,751.79	4.41%
Black Creek Mexico		34,480,617.00			553,252.00		
Blackrock Granite Property Fund		88,459,257.00			686,885.00		
Blackrock Investment Fund	x	127,626.00	0.00%	0.00%	88,120.00	88,120.00	0.05%
Blackstone Partners		614,267,200.00			7,025,294.00		
Blue Chip Venture Company, Ltd.	x	23,170,145.00	0.03%	0.12%	720,000.00	720,000.00	0.44%
Brantley Venture Partners		1.00			-		
Bridgepoint Europe		18,437,459.00			315,235.00		
Brookside Capital Partners Fund		171,365,669.00			2,521,099.00		
Cadence Bancorp LLC		183,985,584.00			-		
C B Healthcare Fund		4,134,517.00			26,250.00		
Cantor Commercial Real Estate Co.		219,226,776.00			-		
Capmark Structured RE PRTNR		13,725,673.00			370,875.00		
Cardinal Health Partners		30,875,699.00			658,617.00		
Carlyle Asia		57,999,589.00			905,392.00		
Carlyle Partners IV, V LP		150,323,027.00			1,686,164.00		
Chartwell		171,325,941.00			1,261,336.85		
CID Equity Partners	x	364,428.00	0.00%	0.00%	-	-	0.00%
Claren Road Credit Master Fund		215,078,397.00			2,227,398.00		
Clayton, Dubilier & Rice Fund VI		7,153,607.00			82,241.00		
Colonial First State		-			-		
Commonfund Capital Venture Partners IX, LP		39,939,306.00			2,535,913.00		
Commonwealth Capital Ventures III		8,274,167.00			-		
CS Middle Market Inv. Fund		431,617,505.00			10,603,933.00		
DAG Ventures		36,105,763.00			439,308.00		
Davidson Kempner Institutional Partners PL		116,772,867.00			1,515,549.00		
DDR Retail (Manatee)		67,163,773.00			1,441,824.00		
Debt Partners I LP		23,320,446.00			732,545.00		
Doughty Hanson		1,463,655.00			-		
Dover Street VII		53,550,765.00			1,176,293.00		
Eagle Asset		144,425,503.18			912,453.45		
Essex Woodlands Health Ventures VI		116,311,270.00			2,579,520.00		
Europa Capital Partners		527,233.00			-		
EXCO Resources		37,627,000.00			-		
First State (Colonial)		392,932,984.25			2,540,239.18		
Fortress Japan Opp Fund		24,090,392.00			412,469.00		
Foundation Medical Partners	x	34,951,059.00	0.05%	0.18%	870,751.00	870,751.00	0.54%
Fox Paine Capital Fund		19,353,603.00			101,518.00		
Francisco Partners		100,131,707.00			856,254.00		
Friedman Fleischer & Lowe II		52,511,211.00			807,910.00		
FS Equity Partners		74,311,542.00			997,193.00		
FUDO Capital		71,457,370.00			1,310,692.00		
Fuller and Thaler		240,555,793.00			1,927,262.00		
General Catalyst Group II		14,745,604.00			596,167.00		
Genesis		292,425,994.73			2,166,850.62		
Gilbert Global Equity Partners		24,242,200.00			-		
Globespan Capital Partners IV		68,652,140.00			1,418,375.00		
Green Equity Investors		44,555,083.00			189,963.00		
Hamilton State Bancshares, Inc.		19,999,090.00			-		
HarbourVest		126,394,369.00			2,532,432.00		
Heartland Industrial Partners		1,760,715.00			-		
Hellman & Friedman Capital Partners VII, LP		6,430,376.00			363,996.00		
Intech		828,005,472.00			1,785,677.24		
Invesco Mortgage Recovery Feeder Fund, L.P.		27,353,999.00			363,742.00		
Ionic Capital LLC		110,392,517.00			1,726,953.00		
King Street Capital LP		228,360,269.00			2,355,782.00		
KSL Capital Partners		42,127,583.00			583,306.00		
LaSalle Asia		79,544,708.00			1,172,905.00		
Lighthouse Capital Partners		22,510,081.00			667,020.00		
Lime Rock Partners II		136,042,038.00			2,505,545.00		
Linsalata Capital Partners	x	42,990,570.00	0.06%	0.22%	1,015,839.00	1,015,839.00	0.63%
LNR Investment Fund		68,916,000.00			1,915,482.00		
Lord, Abbett		-			2,399,049.00		
M. A. Weatherbie		260,601,755.00			1,759,262.58		
Marvin & Palmer		1,426,153,223.91			6,551,357.38		
Meritage Private Equity Fund		10,324,009.00			601,548.00		
MKP Credit LP		125,611,796.00			1,745,609.00		
Monitor Clipper Equity Partners II		76,171,435.00			618,333.00		
Morgenthaler Venture Partners	x	30,389,276.00	0.04%	0.16%	462,817.00	462,817.00	0.29%

INVESTMENT MANAGERS
(Public/Private Markets - U.S. Equity/International Equity/Fixed Income/Real Estate/Private Equity)
July 1, 2012 - June 30, 2013

TOTAL STRS OHIO ASSETS:	67,982,440,611.28							
Investment Management Firm Retained by STRS Ohio	Indication if Firm is an Ohio-Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of Total STRS Ohio Assets	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of All Investment Managers Under Contract with STRS	Compensation Paid to All Managers Under Contract with STRS Ohio	Compensation Paid to All Ohio-Qualified Investment Managers	Percentage (%) of Total Compensation Paid That is Paid to Ohio-Qualified Investment Managers	
Neuberger Berman - (David J. Green)		185,110,457.00			1,356,157.98			
New Enterprise Associates 10		47,023,907.00			848,695.00			
Next Century Growth		143,869,327.54			1,190,240.72			
Northcoast Fund		4,104,633.00			-			
Northwest Ohio Venture Fund		1.00			-			
Oak Hill Capital Partners		564,930.00			-			
Oaktree Capital/ European Principal Fund		391,103,957.78			2,446,082.00			
Ohio Innovation Fund I		143,380.00			-			
OZ Domestic Partners II LP		124,615,579.00			1,770,968.00			
Pacific Investment Mgt. (PIMCO)		451,297,923.44			1,429,427.51			
Pain and Partners Capital Fund		93,632,669.00			921,282.00			
Panda Power Generation Infrastructure Fund		345,353,572.00			1,500,000.00			
Park Street Capital		23,127,676.00			350,000.00			
Patria Brazil R.E. Fund II		18,358,963.00			1,494,521.00			
PineBridge Global Emerging Markets Partners, L.L.C.		2,176,519.00			-			
Pericap IV Fund		1,791,681.00			-			
Primus Venture Partners, Inc.	x	53,761,963.00	0.08%	0.28%	783,274.00	783,274.00	0.48%	
Prism Venture Partners		27,765.00			19,647.00			
Pro Logis		-			83,463.00			
Providence Equity Partners		286,486,515.00			2,304,747.00			
Providence TMT Special Situations Fund L.P.		53,365,026.00			758,139.00			
Pyramis Global Advisors		378,200,522.07			1,449,506.13			
Redshift Ventures		2,147,129.00			-			
Regency Retail Partners		20,377,179.00			212,361.00			
Remington Investment Strategies LP		267,129,750.00			7,255,563.00			
SCJ REP IV		23,042,850.00			1,015,315.00			
Silver Lake Partners		57,309,952.00			816,338.00			
SKBHC Holdings LLC		35,468,789.00			-			
SKM Equity Fund III		27,294,594.00			104,977.00			
Soros		2,599,671.00			25,588.00			
State Street		1,420,332,211.45			305,293.59			
Stone Harbor Investment Partners		331,506,696.34			1,161,762.00			
Summit Subordinated Debt Fund IV, L.P.		19,199,341.00			289,859.00			
TA XI LP		13,485,848.00			495,186.00			
Thomas Bravo Fund X, LP		13,414,704.00			-			
TowerBrook Investors		28,865,946.00			773,497.00			
TPG Partners IV		363,695,386.00			5,129,796.00			
TPG Specialty Lending		94,114,455.00			-			
Tucker Anthony Private Equity		7,068,848.00			233,492.00			
Warburg Pincus Private Equity		192,568,064.00			2,239,161.00			
Wellington Management Legacy Securities PPIF, L.P.		213,096.00			126,747.00			
Westbrook Partners		179,695,604.00			2,749,167.00			
WLR Recovery Fund		40,091,898.00			1,122,283.00			
TOTAL		19,117,086,672.97	3.49%	12.40%	161,884,389.59	11,093,252.79	6.85%	

OHIO-QUALIFIED INVESTMENT MANAGER SUMMARY

Investment Management Firm Retained by STRS Ohio	Indication if Firm is an Ohio-Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of Total STRS Ohio Assets	Assets Managed by Ohio-Qualified Investment Management Firms as a Percentage (%) of All Investment Managers Under Contract with STRS	Compensation Paid to All Ohio-Qualified Investment Managers	Percentage (%) of Total Compensation Paid That is Paid to Ohio-Qualified Investment Managers
Athenian Venture Partners	x	671,817.00	0.00%	0.00%	7,700.00	0.00%
Bernstein (Alliance)	x	2,184,494,180.24	3.21%	11.43%	7,144,751.79	4.41%
Blackrock Investment Fund	x	127,626.00	0.00%	0.00%	88,120.00	0.05%
Blue Chip Venture Company, Ltd.	x	23,170,145.00	0.03%	0.12%	720,000.00	0.44%
CID Equity Partners	x	364,428.00	0.00%	0.00%	-	0.00%
Foundation Medical Partners	x	34,951,059.00	0.05%	0.18%	870,751.00	0.54%
Linsalata Capital Partners	x	42,990,570.00	0.06%	0.22%	1,015,839.00	0.63%
Morgenthaler Venture Partners	x	30,389,276.00	0.04%	0.16%	462,817.00	0.29%
Primus Venture Partners, Inc.	x	53,761,963.00	0.08%	0.28%	783,274.00	0.48%
TOTAL		2,370,921,064.24	3.49%	12.40%	11,093,252.79	6.85%