

Investment Report 2004 SB 133 Update

Presented to: Ohio Retirement Study Council

June 8, 2005



espectfully submitted by:

/illiam J. Estabrook xecutive Director

hio Police & Fire Pension Fund 40 E. Town Street olumbus, Ohio 43215 114) 228-2975





East Town Street / Columbus, Ohio 43215-5164 / Tel. (614) 228-2975 / www.op-f.org

June 8, 2005

The Honorable Michelle Schneider, Chair
The Honorable Lynn Wachtmann, Vice Chair
The Honorable Kirk Schuring
The Honorable Teresa Fedor
The Honorable Todd Book
The Honorable Clyde Evans
The Honorable Cheryl Grossman
Mr. Doug Gillum
Mr. Dale Van Vyven
Ohio Retirement Study Council
88 East Broad Street, Suite 1175
Columbus, Ohio 43215

Re: Preliminary Report of Use of Ohio-Qualified Agents and Investment Managers

Dear Representative Schneider and ORSC Members:

In response to your request dated April 27, 2005, the Ohio Police & Fire Pension Fund has prepared the following materials regarding Substitute Senate Bill 133 and its goal to increase the use of the Ohio-qualified agents and investment managers.

The documents included in this report lay out what OP&F has done individually and in concert with the other Ohio retirement systems over the past year to implement a qualification process and a program to increase the use of the Ohio-qualified agents and investment managers. Additionally, we have included preliminary results through March 30, 2005. As required by SB 133, OP&F will prepare final results through June 30, 2005, and present them at the September 2005 meeting of The Ohio Retirement Study Council.

Sincerely,

William J. Estabrook Executive Director

June 8, 2005 ORSC Report SB 133 Update Ohio Police & Fire Pension Fund

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EXECUTIVE SUMMARY

SB 133 Activities

As a result of SB 133, OP&F has undertaken a number of steps toward the goals of increasing our use of Ohio-qualified brokers and managers. We have made several changes specific to OP&F, but most of our actions have involved a cooperative effort among all the Ohio funds.

- Ohio's pension funds jointly met with Ohio and minority owned investment firms in July 2004.
- OP&F's Board adopted an Ohio-Qualified Manager Policy in September 2004.
- OP&F's Board adopted an Ohio-Qualified Broker Policy in September 2004.
- OP&F amended its Investment Manager Search Policy in September 2004 to explicitly include the public notice provision of SB 133; although we had already been using a publicly advertised RFP process.
- Ohio's pension funds jointly created Ohio-qualified broker and manager certification forms.
- OPERS and SERS generously volunteered to assemble and maintain the lists of Ohio-qualified brokers and managers, respectively.
- Ohio's pension funds jointly created a format to report the use of Ohio firms by Ohio's pension funds.
- Ohio's pension funds jointly developed a notice for vendors and their potential need to register as a lobbyist.
- On behalf of the Ohio funds, SERS advertised in *Pensions & Investments* the availability of broker and manager certification forms.
- Ohio's pension funds jointly held a meeting for representatives of the Ohio Bankers League in March 2005.
- OP&F added SB 133 information to our website.
- OP&F staff continues our open door policy of meeting, when possible, with any firm requesting a meeting.
- OP&F sent to each of our domestic stock and bond managers a letter encouraging them to increase their use of Ohio-qualified brokers.
- OP&F assembled a list containing our managers' contact information and is providing this list to any broker inquiring how to do business with OP&F.

It is important to note that OP&F has a long history of hiring Ohio managers when their products represent the best choice for OP&F. We have placed a disproportionate amount of private equity with Ohio-based managers. OP&F has used several Ohio money managers in the past, and in fact even employed two Ohio equity managers that invested only in Ohio companies. For years, Victory Capital Management (KeyCorp) has been the securities lending agent for OP&F's domestic stocks and bonds. In 2003, well before SB 133's passage, OP&F hired Bank One Investment Advisors to manage a \$600 million fixed income portfolio.

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:

- 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;
- Adopt a policy to establish criteria and procedures used to select agents to execute securities transactions;
- Designate an agent as an Ohio-qualified agent if the agent meets certain criteria;
 and
- 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 their web sites.

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), 5733 (corporation franchise tax), or 5747 (income tax);
- 2. Is authorized to conduct business in Ohio:
- 3. Maintains a principal place of business in Ohio and employees at least five Ohio residents; and,
- 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, which citizen or citizens:
 - a. Are residents of Ohio, and
 - b. Are members of one of the following economically disadvantaged groups: Blacks, American Indians, Hispanics, and Orientals.

"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 economically disadvantaged 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 pursuant to this section.

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 their web sites.

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

Instructions

- 1. This form may be duplicated.
- 2. Complete, sign and return an original of this form to the:

Ohio Public Employees Retirement System of Ohio (OPERS) Attn: Chris Yoho, 277 East Town Street Columbus, Ohio 43215-4642 www.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.

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

Certification

1	Firm	Inform	ation

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

II. Agent Information

- A. Mark all of the information below which apply to your firm.
 - □ 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 employees at least five Ohio residents.
 - Is a licensed dealer under Ohio securities laws or comparable laws of another state or the U.S.
 - Meets the criteria of a minority business enterprise as defined above.
- B. I certify that the firm is (mark all which apply):
 - An Ohio-qualified agent;
 - A minority business enterprise.

III. **Affidavit** State of _____ County of _____ Being duly sworn, 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; and, 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. By: Signature_____ Printed Name____ Sworn and subscribed before me this ______day of _____, 200___.

Notary Public _____

My commission expires _____

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;
- Make certain reports to the Ohio Retirement Study Council concerning Ohio-qualified investment managers; and,
- 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 their web sites.

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

- 1. Is subject to taxation under R.C. Chapter 5725 (financial institutions and insurance companies), 5733 (corporation franchise tax), or 5747 (income tax), 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, which citizen or citizens:
 - a. Are residents of Ohio, and
 - b. Are members of one of the following economically disadvantaged groups: Blacks, American Indians, Hispanics, and Orientals.

"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 economically disadvantaged 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 pursuant to this section.

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 their web sites.

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

Instructions

- 1. This form may be duplicated.
- 2. 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.

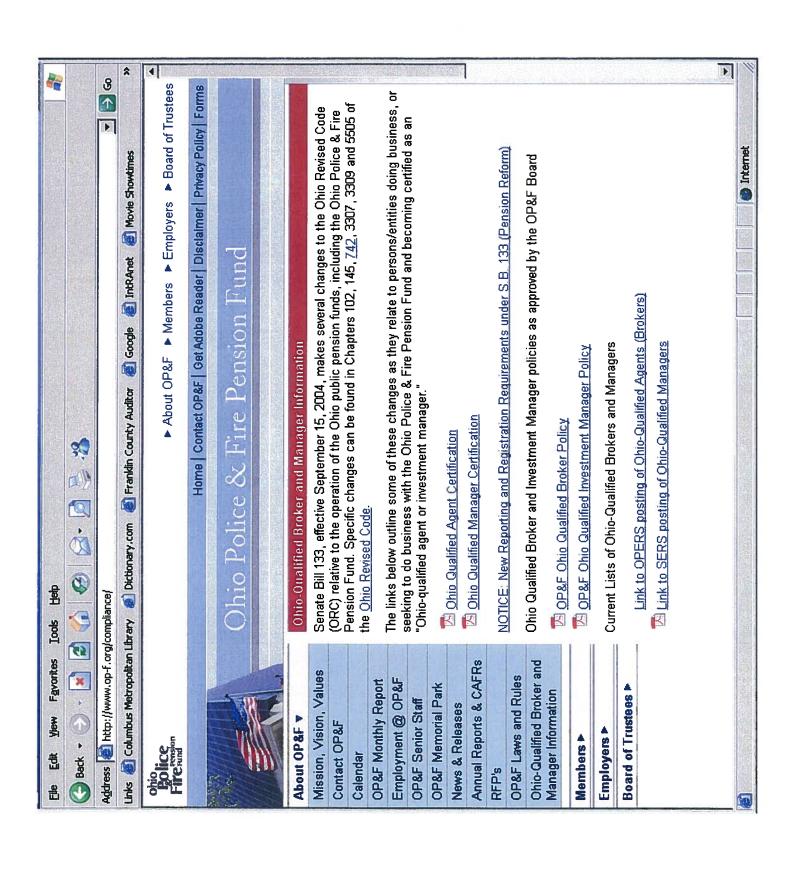
- 3. If additional pages are needed to complete the information, each page must be attached, numbered and notarized.
- **4.** A new completed form must be submitted by June 30th each year, or when information on a previously filed form changes.

Certification

I.	Fir	m In	formation
	Fir	m na	ame:
			address:
			ate and Zip Code:
			t person's name:
			one number:
			mber:
			address:
II.			er Information
	A.	Mar	k all of the items below which apply to your firm.
			Subject to taxation under R.C. Chapter 5725 (financial institutions and insurance companies), 5733 (corporation franchise tax), or 5747 (income tax).
		۵	Maintains its corporate headquarters or principal place of business in Ohio.
		0	Employs at least 500 individuals in Ohio.
		۵	Maintains a principal place of business in Ohio and employs at least 20 Ohio residents.
		٥	Meets the criteria of a minority business enterprise as defined above.

	B . 1	certify that the firm is	s (mark all which apply):	
		An Ohio-qualified	d investment manager;	
		A minority busine	ess enterprise.	
III.	Prod	uct Information		
	F	Firm Products	Years of Track Record	Assets under Management
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	_			
	_			
	_			
	_			
	-			· · · · · · · · · · · · · · · · · · ·
IV.	- Affid	avit		
_	·	vorn, I, the undersign		
			he above Certification; his Certification on behalf of the firm;	
3. I	certify t		provided in this Certification is comple	ete and true to the best of my
4. I	certify t	hat if any informatio	n in this Certification changes, the fire	m will submit a new Certification;
5. I	underst		and submission of this Certification	does not obligate any Ohio
	eureme	nt system to enter in	to any contract with the firm.	
By: Signa	ture			
Printe	d Name			
Swori	n and su	ubscribed before me	thisday of,	200
Notar	v Public	•		
.viy oc				





NOTICE

From The Ohio State Retirement Systems

Legislation enacted in Ohio in 2004 requires the Ohio State Retirement Systems to maintain a list of Ohio qualified investment managers and Ohio qualified brokerage firms. The Ohio pension funds have developed forms which can be used to certify qualified Ohio investment managers or qualified Ohio brokerage firms. Copies of these certification forms with instructions and qualification criteria can be found on the following websites:

Ohio Investment Manager Certification Form www.ohsers.org

Ohio Brokerage Firm Certification Form www.opers.org

Completed forms should be returned as instructed in the forms.



40 East Town Street / Columbus, Ohio 43215-5164 / Tel. (614) 228-2975 / www.op-f.org

NOTICE

enate Bill 133, effective September 15, 2004, makes several changes to the Ohio Revised Code relative to the peration of the Ohio public pension funds. Specific changes can be found in Chapters 102, 145, 742, 3307, 309 and 5505 of the Ohio Revised Code.

ersons/entities doing business, or seeking to do business, with any of the Ohio public pension plans or making ampaign contributions to, or on behalf of, a Board member or candidate for a Board position are governed by nd 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 ness requirements. To determine if these provisions apply to you, please contact the following agencies:

Joint Legislative Ethics Committee 614-728-5100 50 West Broad Street, Suite 1308 Columbus, Ohio 43215

Ohio Ethics Commission 614-466-7090 8 East Long Street, 10th Floor Columbus, Ohio 43215

Ohio Secretary of State 614-466-4980 30 East Broad Street, 14th Floor Columbus, Ohio 43266

ou may also obtain retirement system lobbying information from the Office of the Legislative Inspector reneral at the following web address:

www.jlec-olig.state.oh.us/NEWSLETTER/August2004.pdf

he Ohio state retirement systems advocate full compliance with all applicable laws, registration and reporting equirements. The duty to comply, and to register or report as applicable, is the sole responsibility of the advidual or entity conducting the activities described above.



Ohio Public Employees Retirement System

Memo

To:

Ohio Retirement Study Council

From:

OPERS

Date:

June 1, 2005

Re:

OPERS Process for Developing and Maintaining a List of Ohio Qualified Brokers/Agents

The purpose of this memo is to provide, in summary form, a review of the work completed to date by OPERS related to gathering broker contact information for all five Ohio pension systems, mailing certifications to those firms, developing and maintaining a composite database of responses, and maintaining the information on the OPERS' website.

During third quarter 2004, the five systems met and collectively agreed that OPERS would be responsible for collaboratively developing and maintaining the database of brokers for all five Ohio systems. The database was designed to incorporate brokers used by all internal and external investment managers. SERS was assigned the responsibility of developing and maintaining the database of investment managers for all five systems.

Following is a summary of the process for developing and maintaining a list of Ohio Qualified Brokers/Agents.

October 2004

Each of the five systems posted the same document to their respective websites, "How to Do Business With Us".

October to December 2004

OPERS worked with each of the five systems to develop a contact list of all of the existing broker relationships for both internal and

external managed investment accounts.

January 2005

SERS placed a notice in *Pension and Investments* inviting firms to register as Ohio-qualified managers and Ohio-qualified brokers. The notice included references to SERS and OPERS websites.

January 2005

After working with the other four systems to develop a master list of all current brokers used by both internal and external investment managers, OPERS prepared a mass mailing to those brokers. The documents included in the mailing were as follows: cover letter, Notice of New Reporting & Registration Requirements; a certification for brokers to sign and return to OPERS indicating that their firm qualifies as an Ohio-Qualified Agent/Broker. The certifications were designed to allow the brokers the opportunity to determine their eligibility as "Ohio-Qualified" based on the criteria provided. Approximately 250 letters were mailed. Responses were requested by February 15, 2005. Responses from the brokers were the basis for developing and maintaining the broker database now posted to the OPERS website for all five systems to access.

May 2005

As of May 2005, 91 responses have been received from brokers. 34 have indicated to OPERFS that they are Ohio-Qualified. 57 indicated they are not Ohio-Qualified. OPERS staff have handled at least 200 phone calls and 75 emails relating to the certification process.

Ohio-Minority Yes Ohio-Qualified å Yes Ohio Retirement Systems Ohio-Qualified Agent Listing Oberlin/Voyager Institutional Services LLC Boston Institutional Services (Bisys) LYNCH JONES AND RYAN INC Harvest Capital Investments, LLC Great Lakes Capital Partners, Ltd. McDonald & Company Sec. Inc BB& T CAPITAL MARKETS FTN Midwest Securities Corp Raymond James & Associates SBK Brooks Investment Corp. Regis Securities Corporation Cabrera Capital Markets Inc. Lincoln Financial Advisors Legg Mason Wood Walker National City Investments Huntington Capital Corp. Baker & Company, Inc. A.G. Edwards & Sons Fifth Third Securities Seasongood & Mayer RBC Dain Rauscher **Brokerage Firm** JP MorganChase Pacific American Mantor Watson Baird, Robert Merrill Lynch Citigroup Prudential Fairway

å

Brokerage Firm		-		
	Yes	No	Yes	No
SG Cowen & Co.	হ			5
Stifel, Nicholaus & Co. Inc.				5
U.S. Brokerage Inc.	D			7
UBS Warburg	5			5
Wachovia	5			>
Waddell & Reed				
Note: If your firm is not on this list and you believe it to be considered Ohio-Qualified or Ohio-Minority under the Ohio Revised Code, please complete and return the 'Ohio Retirement Systems Ohio-Qualified Agent Certification' located under the 'How to Do Business with OPERS Investments' section at http://www.opers.org or http://www.opers.org/aboutOPERS/investments/OhioQualifiedAgentCert_010305.pdf#zoom=100	o-Minority under th w to Do Business w ert_010305.pdf#zx	ne Ohio Revised with OPERS Inv oom=100	l Code, please c restments' sectic	complete an on at

Development of the Ohio-Qualified Manager List

- The Ohio pension funds jointly designed the Ohio-qualified Manager Certification Form.
- The Form included criteria from SB133 necessary to qualify as an Ohioqualified manager, instructions for completing the Form and mailing instructions.
- SERS agreed to maintain the official list of Ohio-qualified Managers for all of the Ohio pension funds.
- A Notice was placed in the January 10, 2005 edition of *Pensions & Investments* announcing the availability of the Certification Form.
- SERS mailed copies of the Certification Form to each of the Investment Managers currently retained by any of the Ohio pension funds.
- Additional, SERS also mailed copies of the Certification Form to firms who
 had expressed an interest in receiving the Form.
- Each of the Ohio pension funds posted a copy of the Certification Form on their respective websites.
- SERS has collected all of the returned Certification Forms and compiled a list of Ohio-qualified Managers.
- The Ohio-qualified Manager list will be used to report utilization to ORSC.
- Currently, there are 69 firms on the Ohio-qualified manager list.
- The Certification Forms are still on each of the Ohio pension fund websites and additional managers can complete the Forms and become qualified at any time.

Ohio Retirement Systems Ohio-Qualified Managers

Company	City	State
AFA Financial	North Royalton	OH
Allegiant Investment Counselors (National City) Alliance Capital Mgmt. (Bernstein)	St. Louis New York	MO NY
Alpha Capital Partners, LLC	Chicago	IL
Apex Capital Management	Dayton	OH
Athenian Venture Partners	Athens	ОН
Bahl & Gaynor Investment Counsel	Cincinnati	ОН
Baird Investment Management, Robert W. Baird & Co.,	Columbus	OH
BlackRock Financial Management, Inc.	New York	NY
Blue Chip Venture Company Ltd.	Cincinnati	OH
Blue Point Capital Partners	Cleveland	OH
Boyd Watterson Asset Management, LLC Brantley Venture Partners	Cleveland Beachwood	OH OH
Carnegie Capital Asset Management Company	Cleveland	ОН
Diamond Hill Capital Management, Inc.	Columbus	OH
Eubel, Brady & Suttman Asset Management	Dayton	ОН
Fifth Third Asset Management, Inc.	Cincinnati	OH
First Fiduciary Investment Counsel, Inc.	Cleveland	OH
Fort Washington Investment Advisors, Inc.	Cincinnati	OH
Foundation Medical Partners	Rowayton	СТ
Gratry & Co.	Cleveland	OH
Gries Financial LLC	Cleveland	OH
Hedge Strategy Fund, LLP	Shaker Heights	OH
Huntington Asset Advisors, Inc. Isabella Capital	Columbus Cincinnati	OH OH
J.P. Morgan Asset Management	New York	NY
James Investment Research, Inc.	Xenia	OH
Johnson Investment Counsel, Inc.	Cincinnati	OH
KeyBank National Association	Columbus	OH
Lakepoint Investment Partners LLC	Cleveland	ОН
Linsalata Capital Partners	Cleveland	OH
Logix Investment Management	Cleveland	OH
Manning & Napier Advisors, Inc.	Dublin	OH
Mayfield & Robinson, Inc. (River Cities Capital Funds)	Cincinnati	OH
MCM Capital	Beachwood	OH
Meeder Asset Management Mench Financial, Inc.	Dublin Cincinnati	OH OH
Merrill Lynch Investment Managers (MLIM)	Plainsboro	NJ
Midwest Investment Management LLC	Cleveland	OH
Morgenthaler Venture Partners	Cleveland	OH
National City Investment Management Company	Cleveland	ОН
Nationwide	Columbus	ОН
NorthPointe Capital, LLC	Troy	MI
NTC Ventures	Columbus	OH
Oak Associates, Itd.	Akron	OH
Opus Capital Management, Inc.	Cincinnati	OH
Peppertree Partners, LLC Primus Venture Partners, Inc.	Cleveland	OH
Renaissance Investment Management	Cleveland Cincinnati	OH
Reservoir Venture Partners L.P.	Columbus	ОН
Resilience Capital Partners LLC	Cleveland	ОН
Riverpoint Capital Management Investment Advisors	Cincinnati	OH
Riverside Company, The	Cleveland	OH
RM Investment Management, Inc.	Beachwood	ОН
Roulston Ventures Management, LLC	Fairport Harbor	ОН
Seasongood Asset Management	Cincinnati	OH
Sena Weller Rons Williams LLC	Cincinnati	OH
Shaker Investments LLC	Cleveland	OH
Sky Trust	Pepper Pike	OH
Sovereign Asset Management TGM Associates, LP	Mansfield New York	OH
Transamerica Investment Management, LLC	Dayton Dayton	NY OH
Triathlon Medical Venture Partners	Cincinnati	OH
Unizan Financial Services Group	Canton	OH
Van Cleef Asset Management, Inc.	Beachwood	OH
Wasmer, Schroeder & Co., LLC	Cleveland	OH
Wells Capital Management	San Francisco	CA
Winfield Associates, Inc.	Cleveland	OH
Winslow Asset Management, Inc.	Cleveland	OH

Ohio Bankers League











Ohio Retirement Systems Investment Programs Overview for Ohio Bankers League March 10, 2005

Ohio Retirement Systems Investment Programs Overview For Ohio Bankers League

March 10, 2005

Attendees to arrive at 1:00

Start at approximately 1:15

Welcome and Introductory Remarks, Laurie Fiori Hacking, Executive Director OPERS

Presentations: (15-20 minutes each)

Ohio Public Employees Retirement System
John Blue, Portfolio Manager Global Bonds Investments

State Teachers Retirement System of Ohio
John D. Morrow, Portfolio Manager Fixed Income Investments

Ohio State Highway Patrol Retirement System
Dick Curtis, Executive Director

Ohio Police & Fire Pension Fund Ted Hall, Chief Investment Officer

School Employees Retirement System of Ohio Bob Cowman, Director of Investments

Audience Question/Answer (approximately 30 minutes)

Concluding Remarks

Attendees for March 10 Meeting With Ohio Bankers League

From Huntington
Norman Wilson
Mike Lydon
Scott Adams
Alex Linton
Todd Kavalieros

From National City
Christopher Henderson
Peter Hoffman

From Sky Financial
Craig Bertea
Clint Pelfry

From Key
Brett Bailey
Laura DeLeone
Erskine (Ernie) Cade

From <u>5/3</u>
Craig Bardo
Curtis Speers
Tom Ruebel

Retirement Systems 0,40

Manager / Broker Forum

O'Keefe Center July 13, 2004

Agenda

Introductory Remarks, Bob Cowman, Director of Investments, SERS

- Welcome
- Introduction of George Forbes
- Background and Overview of Ohio Pension Funds
- Introduction of Speakers

Presentations:

Ohio Public Employees Retirement System

Jim Wright, Assistant Investment Officer, U.S. Equities

State Teachers Retirement System of Ohio

John Imboden, CFA

Ohio Police & Fire Pension Fund

Ted Hall, Chief Investment Officer

Ohio State Highway Patrol Retirement System

Dick Curtis, Executive Director

School Employees Retirement System of Ohio

Bob Cowman, Director of Investments

Audience Question/Answer

Concluding Remarks

		JODITIE	Company	Address1	City	te e	Postal Code	WorkPhone	Email
Don	Schmidt		AFA Financial	3757 Edgerton Road	North Royalton	ᆼ	44133		
Marianne	Spraggins		AIC	2500 Peachtree Road, Suite 705 South	Atlanta	В	30305	404-869-2950	Kittyspraggins@aol.com
Donna	Edwards	Executive Vice President	Alpha Partners, LLC	600 West Lafayette Boulevard, Suite 108	Detroit	₹	48226	313-963-4911	dedwards@alphapartnersllc.com
Bob	Warfield		Alpha Partners, LLC	600 West Lafayette Boulevard, Suite 108	Detroit	≅	48226	313-963-4911	
Nitin N.	Kumbhani		Apex Capital Management	5335 Far Hills Avenue, Suite 314	Dayton	동	45429	937-428-9222	nnk@apexcm.com
Jan	Terbrueggen		Apex Capital Management	5335 Far Hills Avenue, Suite 314	Dayton	R	45429	937-428-9222	ied@apexcm.com
Mellody	Hobson	President	Ariel Capital Management, LLC	200 East Randolph Drive, Suite 2900	Chicago	_	60601	312-726-0140	mhobson@arielcapital.com
James J.	Smith	Vice President	Ariel Capital Management, LLC	200 East Randolph Drive, Suite 2900	Chicago	٦	60601	312-726-0140	ismith@arielcapital.com
David C.	Bowen	Partner	Ascend Venture Group, LLC	1500 Broadway, 14 th Floor	New York	λ	10036	212-324-2227	dbowen@ascendventures.com
Karl O.	Elderkin	Managing Partner	Athenian Venture Partners	20 East Circle Dirve #37146 Suite 229	Athens	동	45701	740-593-9393	elderkin@athenianvp.com
Ronald D.	Brown	President and CEO	AtlantaLife Investment Advisors	Herndon Plaza 100 Auburn Avenue, N.E.	Atlanta	Q.A.	30303	404-654-8800	rbrown@atlantalife.com
Kenneth R.	Holley	Chief Investment Officer	AtlantaLife Investment Advisors	Herndon Plaza 100 Auburn Avenue, N.E.	Atlanta	GA GA	30303	404-232-8802	kholley@atlantalife.com
Matthew D.	McCormick		Bahl & Gaynor Investment Counsel	212 East Third Street, Suite 200	Cincinnati	용	45202	513-287-6132	mmccormick@bahl-gaynor.com
Orvell	Johns	Vice President	Bank One	Mail Code OH1-0170 P.O. Box 710170	Columbus	НО	43271	614-248-5475	orvell johns@bankone.com
Paige T.	Davis, Jr.	Vice President	Banneker Capital Management Corp.	10461 Mill Run Circle, Suite 850	Owings Mills	MD	21117	443-394-9435	pdavis@bannekercapital.com
Henry O.	Jackson	CEO	Banneker Capital Management Corp.	10461 Mill Run Circle, Suite 850	Owings Mills	MD	21117	443-394-3498	hjackson@bannekercapital.com
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Ted	Hellmuth		Boyd Watterson Asset Management	1801 East 9th Street, Suite 1400	Cleveland	ᆼ	44114		
Hank L.	Torbert	Executive Vice President & COO	Broadcast Capital, Inc.	1001 Connecticut Avenue, NW, Suite 705	Washington	DC	20036	202-496-9250	httorbert@verizon.net
Shawn	Baldwin	CEO/President	Capital Management Group Securities	123 North Wacker Drive, Suite 810	Chicago	- 2	90909	312-578-0470	SBaldwin@CMGFunds.com
Kila D.	Weaver	Managing Director	Capital Management Group Securities	123 North Wacker Drive, Suite 810	Chicago	<u>-</u>	90909	312-578-0470	Kweaver@CMGFunds.com
George R.	Mateyo	Chairman	Carnegie Capital	1100 The Halle Building	Cleveland	ᆼ	44115	216-367-4101	grmateyo@ccamc.com

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Title	FirstName	LastName	JobTitle	Company	Address1	City	State	Postal Code	WorkPhone	Email .
				Management Company	1228 Euclid Avenue	7			111	
Mr.	Bruce R.	Piatt	Partner	Chaldon Associates LLC	325 West 38 th Street, Suite 908	New York	¥	10018	212-631-0453	bpiatt@chaldonassociates.com
Mr.	Eric T.	McKissack	President/CEO	Channing Capital Management	10 South LaSalle Street, Suite 2650	Chicago	=	60603	312-223-0211	emckissack@channingcapital.co
Mr.	Wendell E.	Mackey	Director of Investments	Channing Capital Management LLC	10 South LaSalle Street, Suite 2650	Chicago	<u>-</u> 4	60603	312-223-0211	wmackey@channingcapital.com
Mr.	Michael L.	Naime	Director	Chicago Equity Partners, LLC	233 Broadway, Suite 3110	New York	≽	10279	646-452-4633	mnairne@chicagoequity.com
Mr.	S. Scott	Olguin	Managing Director	Colinas Capital Management, L.L.C.	2312 Blatock Drive	Austin	×	78758	512-833-8170	ssolguín@ColinasCapital.com
Ms.	Norene	McGhee	Chief Operating Officer	Daruma Asset Management, Inc.	80 West 40th Street	New York	×	10018		nmckee@darumanyc.com
M.	Mark	Davis		Davis, Ross, McGee & McCauley Investment Advisers, LLC	411 East Town Street	Columbus	동	43215		
Mr.	Dan	Campbell	National Sales Manager	Dean Investment Associates	2480 Kettering Tower	Dayton	용	45423	937-222-0282	fps@chdean.com
Mr.	Julio	Gonzales	Vice President	Diaz-Verson Capital Investments, LLC	230 Peachtree Street, N.E., Suite 530	Atlanta	GA	30303	404-522-8706	juliog@mindspring.com
Ms.	Dail	St. Claire	Managing Director	EH Williams Capital Management, LLC	650 Fifth Avenue, 11 th Floor	New York	×	10019	212-373-4240	stclaire@willcapmanagement.co
Mr.	Kurt N.	Kinney		EQYTY Research & Management	27 Beaver Place	Boston	MA	02108	617-742-0600	kkinney@eqyty.com
ĭ. Œ	Carlton A.	Byrd	Senior Vice President	FBR Investment Management, Inc.	1001 Nineteenth Street, North	Arlington	۸	22209	703-312-9656	cbyrd@fbr.com
Ms.	Tina Byles	Poitevien	CEO/CIO	FIS Group	1608 Walnut Street, Suite 600	Philadelphi a	PA	19103	215-567-1100	tpoitevien@fisgrp.com
Ms.	Carman A.	Heredia	Associate Director	Fortaleza Asset Management, Inc.	200 West Adams, Suite 2000	Chicago	=	90909	312-621-6111	cheredia@fortalezaasset.com
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Mr.	Bruce T.	Goode	President	Goode Investment Management, Inc.	940 Terminal Tower, 50 Public Square	Cleveland		44113	216-771-9000	goodeinv@raex.com
Ms.	Elizabeth	Crenshaw		Gray & Company	7000 Peachtree – Dunwoody Rd., Bldg 5	Atlanta	g S	30328	678-805-0514	larryg@egrayco.com
Ψ.	Steven	Bender		Great Lakes Capital Partners Ltd.	26016 Detroit Road, Suite 4	Wesltake	동	44145	440-250-9405	pwhite@glcpartners.net
Mr.	Eric	Carmichael		Greentree Brokerage Services	411 East Town Street	Columbus	ᆼ	43215	614-221-8640	THE CONTRACT OF THE CONTRACT O
Ms.	Lynette	Justice		Greentree Brokerage Services	411 East Town Street	Columbus	동	43215	614-221-8640	
Ms.	Bob	Leggit		Gries Financial Group	1801 East Ninth St., Stule 1600	Cleveland	동	44114		
Ms.	Lenda	Washington		GRW Capital Corporation	501 L Street, N.W., Suite 2	Washington	മ	20001	202-682-4141	lwashington@grwcc.com
Ž.	Louis A.	Holland	Managing	Holland Capital	One North Wacker	Chicago	=	90909	312-553-4831	lholland@hollandcap.com

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Title	FirstName	LastName	JobTitle	Company	Address1	City	State	Postal Code	WorkPhone	Email
			Partner	Management	Drive, Suite 700					
Ms.	Valerie	King	Director of Marketing	Holland Capital Management	One North Wacker Drive, Suite 700	Chicago	=	90909	312-553-4831	vking@hollandcap.com
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Ms.	Kathleen Y.	Colin	First Vice President	Intercapital Securities LLC	1100 Plaza 5, 12 th Floor	Jersey City	3	07311	212-341-9780	kathleen.colin@us.icap.com
Mr.	Marquette	Chester	Marketing Director	INVESCO Institutional, Inc.	One Midtown Plaza 1360 Peachtree St., N.E.	Atlanta	GA GA	30309	404-439-3179	Marquette Chester@invesco.com
Mr.	Reginald	Scantlebury	Senior Vice President	Jackson Securities, LLC	2777 Summer St., Suite 402	Stamford	CT	06905	203-355-3660	rscantlebury@jacksonsecurities.c
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Mr.	Douglas Y.	Wang		Lakepoint Investment Partners	127 Public Square, #4130	Cleveland	ᆼ	44114		
Ms.	Dyice	Ellis-Beckham	Vice President	Lincoln Capital Fixed income Management Company, LLC	399 Park Avenue	New York	×	10022	212-526-6646	dyice.ellisbeckham@lincap.com
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Ms.	Patricia A.	Winans	сео	MAGNA Securities Corp.	420 Lexington Avenue, Suite 2220	New York	ž	10170	212-547-3740	patwinans@magnasecurities.com
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Mr.	Norman	Klopp	Partner	Midwest Investment Management	1301 East 9th Street, Suite 1110	Cleveland	공	44114	,	
Mr.	Charles	Nye	Partner	Midwest Investment Management	1301 East 9th Street, Suite 1110	Cleveland	ᆼ	44114		
Ms.	Linda J. Larry	Jordan Jones	Regional Vice President, Marketing	NCM Capital	1170 Peachtree Street NE, Suite 1200	Atlanta	GA	30309	404-364-6578	liordan@ncmcapital.com
Ms.	Jakki	Haussler	Chairman & CEO	Opus Capital Management, Inc.	1 West Fourth Street, Suite 415	Cincinnati	공	45202	513-621-6787	
Mr.	ren	Haussier	Chief Investment Officer	Opus Capital Management, Inc.	1 West Fourth Street, Suite 415	Cincinnati	공	45202	513-621-6787	lenhaussler@opusinc.com
Mr.	James A.	Wilson	Vice President	Ormes Capital Markets Inc.	45 Broadway – 22 rd Floor	New York	λ	10006	212-361-1310	iwilson@ormescapital.com
Mr.	Eugene	Duffy	Senior Executive Vice President	Paradigm Asset Management Co. LLC	1201 Peachtree St., N.E., Suite 1650	Atlanta	GA	30361	440-724-9077	eid@paradigmasset.com
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Mr.	Kneeland	Youngblood	Managing Partner	Pharos Capital Group, LLC	100 Crescent Court, Suite 1740	Dallas	X	75201	214-855-0194	kyoungblood@pharosfunds.com
Mr.	Charles	Curry	Vice President	Piedmont Invest6ment Advisors, LLC	411 West Chapel Hill Street	Durham	NC	27701	919-688-8600	ccurry@piedmontinvestment.com

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Title	FirstNäme	LastName	JobTitle	Company	Address1	City	State	Postal Code	WorkPhone	Email
Mr.	Donald C.	Mullins, Jr.	Vice President	Piedmont Investment Advisors, LLC	411 West Chapel Hill Street	Durham	NC	27701	877-558-7500	dmullins@piedmontinvestment.co
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Mr.	Toussaint	Gaskins	Vice President	Profit Investment Management	8720 Georgia Avenue, Suite 808	Silver Spring	QW	20910	301-650-0059	tgaskins@profitfunds.com
Mr.	Eugene	Profit	President	Profit Investment Management	8720 Georgia Avenue, Suite 808	Silver	MD	20910	301-650-0059	eprofit@profitfunds.com
Ms.	Chau	Nguyen		Progress investment Management Company	71 Stevenson Street, Suite 1620	San Francisco	გ	94105	415-512-3480	mwilliams@progressinvestment.c
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Mr.	Stephen	Washington	Managing Director	SBK – Brooks Investment Corp.	840 Terminal Tower, 50 Public Square	Cleveland	동	44113	216-861-6950	swashington@sbkbrooks.com
Mr.	Eric	Small		SBK-Brooks Investment Corp.	50 Public Square, 840 Terminal Tower	Cleveland	동	44113	216-861-6950	esmall@sbkbrooks.com
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Ms.	Jane W.	Thompson	Senior Vice President	Smith Graham & Company	6900 JP Morgan Chase Tower, 600 Travis St.	Houston	¥	77002	713-292-2108	ithompson@smithgraham.com
Ms.	Venita	Fields		Smith Whiley & Company	242 Trumbull Street	Hartford	5	06103	860-548-2513	
Ms.	Sharon	Marrow		Smith Whiley & Company	242 Trumbull Street	Hartford	ರ	06103	860-548-2513	Sharon.marrow@smithwhiley.co
Mr.	Carl R.	Gibbs, Jr.	Vice President	Sturdivant & Co.	Plaza 1000 at Main Street, Suite 200	Voorhees	3	08043	856-751-1331	egibbs@sturdivant-co.com
Μ̈́.	Albert	Sturdivant	President	Sturdivant & Co.	Plaza 1000 at Main Street, Suite 200	Voorhees	3	08043	856-751-1331	corp@sturdivant-co.com
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ĭ.	Alan	Habacht		Taplin, Canida & Habacht	1001 Brickell Bay Dr., Suite 2100	Miami	귙	33131	305-379-2100	amh@tchinc.com
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Ms.	Norice R.	Rice		The Yucaipa Companies	9130 West Sunset	Los	CA	69006	310-228-3511	nrice@y-funds.com

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OHIO PENSION FUNDS MEETING TUESDAY, JULY 13TH, 2004 COLUMBUS, OHIO ATTENDEE LIST

Email		Tfries1@columbus.rr.com	wbristol@toussaintcapital.com	dbatts@unionheritage.com		dscott@unionheritage.com	mos sucularian (mission)	casa of valparities.com			acuerington@westernasset.com	carl@wilmoco.com			cearle@wcapm.com	pwforbes@wcapm.com											
WorkPhone		614-203-6074	212-530-4424 v	313-963-8824		313-963-8824		=1			626-844-9524	313-259-1130			650-949-3430	650-949-3430				614-221-8640	614-840-9900	614-840-9900	614-565-9948	313-874-5079	410-837-3234	614-860-9388	
Postal Code		43016	10005	48226		48226	90071		44113		91101	48207	44113		94022	94022				43215							
State		ᆼ	¥	Ē		Ξ	Ā	5	동		δ	Ĭ	용		CA	Ą				НО							
CitA	Angeles	Dublin	New York	Detroit		Detroit	80	Angeles	Cleveland		Pasadena	Detroit	Cleveland		Los Altos	Los Altos				Columbus							
Address1	Boulevard	3400 Tonti Drive	40 Wall Street, 25th Floor	211 W. Fort Street,	Suite 615	211 W. Fort Street,	633 West Fifth Street	Suite 1180	1220 W. 6 th Street,	Suite 500	385 East Colorado Boulevard	300 River Place, Suite 5350	700 W. St. Clair	Avenue, Suite 404	One First Street, Suite 14	One First Street, Suite	14			411 East Town Street							
Company		Tom Fries & Associates	Toussaint Capital Partners, LLC	Union Heritage Capital	Management	Union Heritage Capital	Valenzuela Capital	Partners, Inc.	Wasmer Schroeder &	Co.	Western Asset	Wilmoco Capital Management, LLC	Winfield Associates		Woodford Capital Management LLC	Woodford Capital	Management, LLC	Forbes Fields		Greentree Brokerage Services	1 st Capital	1st Capital	5 ^m Street Capital	Alpha Capital Mgmt.	Brown Capital Mgmt.	DCE	77 ,46
JobTitle		President										Managing Director/CEO				President											
LastName		Fries	Byrd	Batts		Scott	Castro		Majoros		Cuerington	Smalls	Baker		Earle	Forbes		Forbes	Rice	Williams	Bishop	Leveck	Dickson	Burrell	Young	Anderson	A1-1-
FirstName		Tom	Averyl	Derek T.		Dawn L.	Jorge		John		Andre M.	Carl B.	Christopher		Clayton	Peggy	Woodford	George	Joe	McCullough	Brent	Dave	Andy	Raiph	Robert	Paul	Minhani
ejii.		<u>ت</u>	Ĭ.	Μ̈́.		Ms.	Ä		Δr.		Mr.	Mr.	Mr.		Ž.	Ms.											

Names in green indicate those not on the original "Invitee" list, but did attend. * *

Names in red names did not attend, but were invited.

Funds associates attended:

runds associates attended.	s allelideu.			
Title FirstName	LastName	JobTitle Company	Address1 City	State Postal WorkPhone Email Code
Dick	Curtis	HPRS	Presenter	
Bob	Cheuvront	OP & F		
Ted	Hall	OP & F	Presenter	
Alex	Linton	OP & F		
John	Blue	OPERS		614-228-8188
Pat	Edgington	OPERS		614-228-1181
Jennifer	Horn	OPERS		614-228-8188
Dan	Sarver	OPERS		
Tom	Sherman	OPERS		
Neil	Toth	OPERS		614-228-8188
Jim	Wright	OPERS	Presenter	
Barb	Brown	SERS	(registration & Q&A)	
Bob	Cowman	SERS	Presenter	
Cheryi	Munnerlyn	SERS	(registration)	
Phil	Roblee	SERS		
Dee	Tharp	SERS		
Tim	Viezer	SERS		
Dan	Griffin	STRS Ohio		614-227-4098
John	Impoden	STRS Ohio	Presenter	614-227-2832

200klete cent to the following.

	Email	
	WorkPhone	
	Postal Code	55439
	State	Σ
	CitA	Bloomingto n
	Address1	7831 Glenroy Road, Suite 210
	Company	North Shore Advisers
the rollowing:	JobTitle	
	LastName	Mowbray
Booklets sent to the following:	Title FirstName	Jan

Ohio-Qualified Broker Policy

Adopted 9/29/04

In accordance with Ohio Revised Code Sections 742.11 and 742.114, it is a goal of the Ohio Police and Fire Pension Fund (OP&F) to increase its utilization of Ohio-qualified agents (brokers) for the execution of domestic equity and domestic fixed income trades when an Ohio-qualified agent offers quality, services, and safety comparable to other agents available to the board. Nothing in this policy, however, shall require OP&F or its investment managers to utilize Ohio-qualified agents for the execution of domestic equity and domestic fixed income trades if the use of such agent is not consistent with the fiduciary duties outlined in ORC Sections 742.11 and 742.114, including cases in which an agent does not otherwise meet OP&F's criteria.

An Ohio-qualified agent is defined as a dealer, as defined in 1701.01 of the Ohio Revised Code, who is licensed under sections 1707.02 to 1707.45 of the Ohio Revised Code or under comparable laws of another State or of the United States, who is subject to taxation under Chapter 5725, 5733, or 5747 of the Ohio Revised Code, authorized to conduct business in Ohio, maintains a principal place of business in Ohio and employs at least five Ohio residents. 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.

OP&F shall maintain a list of Ohio-qualified agents, which will be regularly updated. This list will be open to all agents who meet the said requirements. OP&F will provide its domestic equity and domestic fixed income investment managers with a copy of this policy and a list of Ohio-qualified agents and will encourage its investment managers to increase their use of Ohio-qualified agents subject to best execution. Best execution is defined as the trading process managers apply that seeks to maximize the value of a client's portfolio within the client's stated investment objectives and constraints. In seeking to achieve best execution, a manager should consider not only the best price, but also the full range and quality of a broker's services including execution capabilities, commission rate, the value of research provided, financial responsibility and responsiveness.

OP&F shall verify that its domestic equity and domestic fixed income investment managers utilize the following, or substantially similar, criteria to select agents to execute securities transactions on behalf its clients including OP&F:

- 1. Commissions charged by the agent, both in the aggregate and on a per share basis;
- 2. The execution speed and trade settlement capabilities of the agent;
- 3. The responsiveness, reliability, and integrity of the agent;
- 4. The nature and value of research provided by the agent;
- 5. Any special capabilities of the agent.

At least annually, OP&F shall submit to the Ohio Retirement Study Council (ORSC) a report containing the following information:

- 1. The name of each agent designated as an Ohio-qualified agent under this section;
- 2. The name of each agent that executes securities transactions on behalf of the board:

- 3. The amount of equity and fixed-income trades that are executed by Ohio-qualified agents, expressed as a percentage of all equity and fixed-income trades that are executed by agents on behalf of the board;
- 4. The compensation paid to Ohio-qualified agents, expressed as a percentage of total compensation paid to all agents that execute securities transactions on behalf of the board;
- 5. The amount of equity and fixed-income trades that are executed by agents that are minority business enterprises, expressed as a percentage of all equity and fixed-income trades that are executed by agents on behalf of the board;
- 6. Any other information requested by the ORSC regarding the board's use of agents.

Ohio-Qualified Investment Manager Policy

Adopted 9/29/04

In accordance with Ohio Revised Code (ORC) Sections 742.11 and 742.116, it is a goal of the Ohio Police and Fire Pension Fund (OP&F) to increase its utilization of Ohio-qualified investment managers when an Ohio-qualified investment manager offers quality, services, and safety comparable to other investment managers available to the board. Nothing in this policy, however, shall require OP&F to hire an Ohio-qualified investment manager if the engagement is not consistent with the fiduciary duties outlined in ORC Sections 742.11 and 742.116, including cases in which a manager does not otherwise meet OP&F's criteria.

An Ohio-qualified investment manager is an investment manager that is subject to taxation under Chapter 5725, 5733, or 5747 of the Ohio Revised Code and meets one of the following requirements: (1) has its corporate headquarters or principal place of business in Ohio, (2) employs at least five hundred individuals in Ohio, or (3) has a principal place of business in Ohio and employs at least 20 residents of Ohio.

OP&F shall maintain a list of Ohio-qualified investment managers and their investment products. Ohio-qualified investment managers on the list will be given public notice of searches conducted by OP&F for investment managers. The notice shall include OP&F's search criteria.

At least annually, OP&F shall submit to the Ohio Retirement Study Council (ORSC) a report containing the following information:

- 1. The name of each investment manager designated as an Ohio-qualified investment manager.
- 2. The name of each investment manager with which OP&F contracts.
- 3. The amount of assets managed by Ohio-qualified investment managers, expressed as a percentage of the total assets held by OP&F and as a percentage of assets managed by investment managers with which OP&F has contracted.
- 4. The compensation paid to Ohio-qualified investment managers, expressed as a percentage of total compensation paid to all investment managers with which OP&F has contracted.
- 5. Any other information requested by the ORSC regarding OP&F's use of investment managers.

(ADOPTED 11/26/97) Amended 11/17/99 Amended 9/28/04 Amended 4/27/05

OHIO POLICE & FIRE INVESTMENT MANAGER SEARCH POLICY

The selection of investment managers will be conducted only under a Request for Proposal (RFP) process that will consider the following issues:

- I. The investment strategy for the manager search will be considered within the strategic asset allocation plan, investment structure and other applicable investment policies and procedures approved by the Board, including the Ohio-Qualified Investment Manager policy.
- II. The RFP minimum criteria will be consistent with the search investment strategy and will be established by the Investment Committee/Board of Trustees, with the assistance of staff and the investment consultant. The selection criteria may include such items as:
 - A. Stability and experience of firm in the investment product;
 - 1. Stability of the firm, as measured by the quality of the organizational structure of the firm; the existence of, or potential for, significant developments in the firm; and the expected financial stability of the firm.
 - 2. Experience of the firm in providing investment management services to similar institutional investors, as measured by the firm's history of providing such services.
 - 3. Ownership of the firm, as measured by the depth and structure of the incentive programs and the ownership type for key investment professionals in the subject product.
 - 4. Firm commitment to improvement as measured by whether or not there is a clear business plan/strategy, reinvestment in the firm with an overall commitment for enhancements/improvements.
 - 5. Adverse organizational issues, as measured by the existence of litigation or other investigations; and the existence of financial problems.

B. Quality, stability, depth and experience of investment professionals;

- 1. Experience of portfolio manager(s) in providing similar services to similar institutional investors, as measured by the length of time the portfolio manager(s) has served as a portfolio manager to such investors; demonstrated expertise in providing such services to other such investors.
- 2. Stability of the firm's professional base, as measured by personnel turnover.
- 3. Depth of personnel, as measured by the firm's account/portfolio manager and account/investment management personnel ratios; and back-up procedures for providing services to OP&F in the absence of the portfolio manager(s).

C. Client service and relationships;

- 1. Assets under management, as measured by the amount in the subject product as well as the experience of managing other similar asset class products.
- 2. The similarity of a firm's clients to OP&F, as measured by the amount of institutional tax-exempt assets under management and the size of the individual accounts currently under management.
- 3. Stability of the firm's client base, as measured by the number of accounts gained or lost.
- 4. Procedures for client contact, timely reporting, compliance monitoring, reconciliation process with OP&F's custodian and responsiveness to reporting data and formatting requirements.

D. Investment philosophy and process;

- 1. Defined philosophy and process implementation, as measured by whether the philosophy is effectively communicated and what the process is and why it works. It should be identified as to whether the process is based on sound research and whether or not they are focusing on temporary or permanent inefficiencies in the market.
- 2. Portfolio construction process, as measured by whether or not the manager is benchmark oriented such that there are distinct portfolio objectives and ongoing monitoring relative to these objectives. It should be identified as to whether the process contains risk controls, and if so, are they part of a disciplined process and who is performing the monitoring.
- 3. Research, as measured by whether there are appropriate resources given the product style, whether the research performed is qualitative or quantitative,

- and whether or not there are separate research departments by product type or one fully integrated research staff.
- 4. Sources of information, as measured by whether the data used in the process is collected and/or assimilated by outside organizations or generated internally and how the information is processed and interpreted.

E. Investment performance and risk control;

1. The investment manager's alpha for active managers and tracking error for passive managers relative to the target benchmark. Active managers will also be expected to rank in the top half of managers with similar objectives over a 3 to 5 year period, if available. Additional focus will be placed on return/risk ratios and information ratios which incorporate both absolute and manager specific risk.

F. Investment fees;

- 1. The total cost of performing investment advisory services as measured by the Fee Proposal based on a total account size. The managers in the search will be evaluated relative to each other as well as to a representative peer universe.
- III. The search may be on a closed or open manager universe basis. Closed universe searches shall be used only in circumstances where an expedited process is required to avoid material harm to the Fund or where there is approval to reconsider the finalists of a prior search concluded within the preceding two years, by a super majority vote of the members of the Board of Trustees who have been elected or appointed and are serving on OP&F's Board at the time of the meeting. The retention of a manager in a closed universe search shall be subject to a due diligence review by the Investment Committee, staff and consultant. When reopening a prior search, due diligence shall be performed on those managers constituting the finalists of the original search.
- IV. RFPs will be sent to managers identified as likely to meet the stated qualifications and to those requesting the RFP in an open universe search. An advertisement will be placed in an investment industry or national business publication in open universe searches. In addition, as required by statute, OP&F will provide public notice of an open universe search along with the search criteria through an advertisement issued in an industry publication and/or by a posting on OP&F's website. In closed universe searches, the Investment Committee shall approve all potential candidates with the assistance of the staff and consultant.
- V. Staff and the Board's investment consultant will review all timely submitted RFPs to ensure that all search criteria have been met.

- VI. Staff and the Board's investment consultant will evaluate all RFPs having met established criteria and produce written reports summarizing the findings and manager rankings to the Investment Committee/Board of Trustees.
- VII. The Investment Committee/Board of Trustees will consider the staff and consultant reports as well as other material information when determining the list of managers for finalist interviews.
- VII. The Investment Committee/Board of Trustees will interview and evaluate the finalists with the assistance of staff and the investment consultant.
- VIII. The staff, investment consultant and/or Investment Committee/Board of Trustees may conduct a due diligence visit with the finalists.
- X. The Board may approve, fail to approve or modify the amount and/or timing of funding, investment guidelines and fees of the approved managers.

Ohio Police & Fire Pension Fund Summary of Investment Manager Search Policy

Investment manager searches are conducted via an open, publicly advertised RFP process with two exceptions:

- 1) An expedited process is needed to avoid harm to OP&F assets (most common when replacing a manager of real estate properties);
- 2) A supermajority of the Board votes to reconsider just the finalists of a prior search concluded within the preceding two years (e.g., the manager hired in the original search loses key personnel).

The Board, with assistance of staff and consultant, develops minimum criteria consistent with the investment strategy being pursued. Significant examples of these criteria include: a minimum amount of assets the manager has in the product being proposed, a minimum length of performance record for the product being proposed, a minimum number of institutional clients in the product being proposed.

OP&F advertises the search in two or more major trade publications (e.g. *Pensions & Investments* and *FundFire*). OP&F posts the RFP on its website for any firm or person to download. OP&F's consultant sends the RFP to all managers identified as likely to meet the stated qualifications. OP&F and its consultant also send the RFP to any firm or person requesting it.

OP&F staff and the consultant review all timely submitted RFP responses to verify that each proposing firm meets all minimum criteria. Staff and consultant then separately evaluate all qualifying RFP responses and rank each one based on the following criteria:

- Stability and experience of firm in the investment product;
- Quality, stability, depth and experience of investment professionals;
- Client service and relationships;
- Investment philosophy and process;
- Investment performance and risk control; and,
- Investment fees.

Staff and consultant then present their separate evaluations and rankings to the Board. After reviewing and discussing this information with staff and consultant, the Board selects several finalists for interviews.

The Board, with the assistance of staff and consultant, then interviews and evaluates the finalists.

After completing all interviews, the Board votes to select a winning firm or firms.

2004 OP&F Meetings with Investment Manager Firms Currently Not Doing Business With

Date	Company	Product	Met With	Ohio Qualified
14-Jan-04	Primus Venture Partners	Venture Capital	Bret, Bob	Yes
4-Feb-04	Charter Life Sciences	Venture Capital	Bret, Bob	No
6-Feb-04	Manning & Napier	Equity	Bill Estabrook, Ted, Bob, Bret	Yes
	Peppertree	Private Equity Fund of Funds	Bret, Bob	Yes
23-Feb-04	Linsalata Capital	Private Equity	Bret, Bob	Yes
8-Mar-04	Harberer Registered Investment Advisor	Large Cap Core	Ted, Bob, Bret, Alex	No
	Charter Life Sciences	Venture Capital	Bret, Bob	No
15-Mar-04	Mead, Adams & Co.	Equity	Ted, Bob, Bret, Alex	No
	Fund Evaluation Group	Investment Consulting	Bob	No
19-Mar-04	BancOne Investment Advisors	Fixed-income Core	Ted, Bob, Alex	Yes
25-Mar-04	Cincinnati Asset Management	Fixed-income Core	Bret, Bob	No
30-Mar-04	Fort Washington	Public, Private Equity	Ted, Bret	Yes
	Peppertree	Private Equity Fund of Funds	Bob, Bret	Yes
	Athenian Venture Partners	Venture Capital	Ted, Bret, Bob	Yes
15-Apr-04	Gratry & Company	International Equity	Ted, Bob, Bret, Alex	Yes
21-Apr-04	Reservoir Venture Partners	Venture Capital	Ted, Bret, Bob	Yes
	Gartmore (Nationwide)	Alternative Investments	Bob, Bret, Ted, Alex	Yes
	Goode Investments	Fixed Income	Ted	No
	Gartmore Riverview (Nationwide)	Hedge funds	Ted, Bret	Yes
28-May-04		Private Equity	Bob, Bret	Yes
1-Jun-04	Pryor, Counts & Co. (Mac Williams)	Placement Agent	Bob	No
2-Jun-04	Brantley Partners	Private Equity	Ted, Bob, Bret	Yes
	Gries Financial LLC	Large & Mid Cap Growth	Ted, Bob, Bret	Yes
	National City Investment Management	Large Cap Core & Growth	Ted, Bret	Yes
	Renaissance Investment Management	Small Cap Growth	Bob, Bret	Yes
	Blue Point	Private Equity	Bob, Bret	Yes
	Morgenthaler	Private Equity	Bob, Bret	Yes
	Bahl, Gaynor Investment Council	Large Cap Growth	Bob, Bret	Yes
	Northpointe Capital (Nationwide)	Domestic Equity	Ted, Bret	Yes
	Blue Chip Venture Company	Private Equity	Bob, Bret	Yes
	Johnson Investment Counsel, Inc.	Fixed-income Core & Equity	Bob	Yes
	Allegiant Investment Counselors (National City)	Small Cap Core	Bob, Bret	Yes
	Logix Investment Management	Mid/Large Cap Core	Ted, Bob, Bret	Yes
14-Sep-04	Midwest Investment Management	LC Value	Ted, Bob, Bret	Yes
	Eubel Brady & Suttman	Small/Mid Cap Value	Ted, Bret	Yes
5-Oct-04	Blue Chip Venture Company	Private Equity	Bob, Bret	Yes
	Athenian Venture Partners	Private Equity	Ted, Bob, Bret	Yes
	Hicks Partners	Consulting	Bob, Bret	No
	Manning & Napier	Domestic & Intl Equity	Ted, Bret	Yes
	Kirtland Capital Partners	Private Equity	Bob. Bret	
	Fort Washington	High Yield	Ted, Bob, Bret	No
5-Nov-04	Opus Capital Management, Inc.	Small Cap Equity	Ted, Bob, Bret	Yes
8-Nov-04	Fort Washington	Lg/Mid/Small Growth	Bob, Bret	Yes
	Carnegie Capital Asset Management Co	Mid/Large Cap Equity & Fixed Income	Ted	Yes
	BancOne Investment Advisors	Core Fixed Income	Ted, Bob, Bret, Alex	Yes
	JA Randazzo & Assoc.;Thomas Roulston III	Equity	Bob, Bret	Yes
3-Dec-04	Lakepoint Investment Partners	Core Fixed Income		No
	Sena, Weller, Rohs, Williams Inc.	LC Growth	Ted, Bob, Bret	Yes
	The Maple Fund	Private Equity	Ted, Bret	Yes
	James investments		Bob, Bret	No
	Meeder Financial	Equity	Ted	Yes
2004]	Wiceuer Fillaticial	Equity	Ted	Yes

2005 OP&F Meetings with Investment Manager Firms Currently Not Doing Business With

Date	Company	Product	Met With	Ohio Qualified
	Van Cleef Asset Management, Inc.	Equity	Ted	Yes
	Bahl & Gaynor Investment Counsel	Large Cap Growth Equity	Bob	Yes
3/10/2005	OPERS Ohio Bankers League Meeting	All	See attached meeting attendees list	Yes
4/7/2005	Huntington Private Financial Group	Options	Bob, Bret, Ted	Yes
	Fifth Third	Equity	Ted	Yes
4/20/2005	Primus Venture Partners, Inc.	Private Equity	Bob, Bret	Yes
4/20/2005	DRMM	Hedge Fund	Ted	No
	Peppertree Partners, LLC	Private Equity	Bob, Bret	Yes
	Riverpoint Capital Management Investment Advisers	Equity	Bret	Yes

OP&F Meetings with Minority Brokerage Firms

Date	Company	Met With	Ohio Qualified	Ohio Minority
1 11	Butler Wick Institutional Markets Group	4	No	No
7/13/2004	SERS Minority Meeting with Ohio Pension Funds	See attached meeting attendees list	No	No
7/13/2004	Capital Mangement Group Securities	Ted	No	No
8/2004	Loop Captial Markets	Bret	No	No
8/2/2004	Ivy Securities, Inc.	Bob	No	No
2/2/2005	Great Lakes Capital Partners, Ltd.	Bob	Yes	No
4/19/2005	Pacific American Securities, LLC	Bob	Yes	Yes

					% of Total \$				\$ Amount		
					Trades	Ne.			Trades		% of Total
					Executed				Executed		Trades
		Ohio-			through			% of Total	with Ohio-		Excecuted
	Ohio-	Qualified-	\$ Amount of		Ohio-	Commissions		Commissions	Qualified		through Ohio-
	Qualified	Minority	Trades Executed	\$ Amount of Trades	Qualified	Paid To Ohio-	Commissions	Paid to Ohio-	Minority	\$ Amount of Trades	Qualified
Broker/Dealer Retained by Public Fund	Dealer?	Dealer?	Broker / Dealers	Broker / Dealers Broker / Dealers	Dealers	/ Dealers	Broker / Dealers	/ Dealers	Dealers	Broker/Dealers	/ Dealers
ABEL NOSER CORPORATION	Ö	8	\$2,063,440.12	\$4,598,900,272.05	0.0000%	\$2,885.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
ADAMS, HARKNESS and HILL INC.	8	N _O	\$6,831,185.09	\$4,598,900,272.05	0.0000%	\$17,720.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
ADVEST	S	N	\$869,253.94	\$4,598,900,272.05	0.0000%	\$2,240.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
ARNHOLD and S.BIECHROEDER, INC	ĕ	8	\$4,563,249.25	\$4,598,900,272.05	0.0000%	\$2,695.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
AUTRANET	N _O	8	\$549,218.46	\$4,598,900,272.05	0.0000%	\$2,329.83	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
AVALON RESEARCH GROUP INC	8	<mark>⊗</mark>	\$2,951,293.98	\$4,598,900,272.05	0.0000%	\$5,140.75	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
B RILEY AND CO INC.	ĕ	V	\$4,435,790.99	\$4,598,900,272.05	0.0000%	\$10,940.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
B-TRADE SERVICES LLC	ĕ	Ö	\$63,347,955.67	\$4,598,900,272.05	0.0000%	\$78,313.59	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BAIRD, ROBERT W., and COMPANY IN	Yes	No.	\$27,570,315.01	\$4,598,900,272.05	0.5995%	\$68,053.75	\$6,283,292.05	1.0831%	\$0.00	\$4,598,900,272.05	0.0000%
BANC/AMERICA SECUR LLC, MONTGOME	N _o	ĕ	\$60,456,117.00	\$4,598,900,272.05	0.0000%	\$110,519.25	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BANCAMERICA SECURITIES INC	N _O	8 O	\$2,974,061.59	\$4,598,900,272.05	0.0000%	\$3,710.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BANK OF NEW YORK	Š	<mark>N</mark>	\$1,626,774.75	\$4,598,900,272.05	0.0000%	\$1,270.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BBandT CAPITAL MARKETS	Yes	<mark>⊗</mark>	\$4,554,900.64	\$4,598,900,272.05	0.0990%	\$12,945.00	\$6,283,292.05	0.2060%	\$0.00	\$4,598,900,272.05	0.0000%
BEAR STEARNS and CO INC	ĕ ŏ	<mark>8</mark>	\$134,752,640.48	\$4,598,900,272.05	0.0000%	\$186,552.52	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BEAR, STEARNS SECURITIES CORP	N _o	S	\$30,465,668.40	\$4,598,900,272.05	0.0000%	\$47,097.80	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BERNSTEIN, SANFORD C., and CO.,	V	ĕ	\$25,142,015.61	\$4,598,900,272.05	0.0000%	\$50,029.74	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BLUEFIN RESEARCH PARTNER INC.	Ö	S	\$427,559.68	\$4,598,900,272.05	0.0000%	\$640.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BNY BROKERAGE INC.	8	No	\$47,652,206.73	\$4,598,900,272.05	0.0000%	\$22,779.18	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BNY CLEARING SERVICES LLC (BNY)	S O	8	\$18,619,635.74	\$4,598,900,272.05	0.0000%	\$32,396.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BOSTON INSTITUTIONAL SERVICES, I	Yes	ĕ	\$266,394,093.17	\$4,598,900,272.05	5.7926%	\$381,737.72	\$6,283,292.05	6.0754%	\$0.00	\$4,598,900,272.05	0.0000%
BRIDGE TRADING COMPANY	No	S	\$20,319,477.11	\$4,598,900,272.05	0.0000%	\$36,385.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BROADCORT CAP CORP/SUB OF MLPF	No	N	\$17,864,498.27	\$4,598,900,272.05	0.0000%	\$24,882.50	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BROWN BROTHERS HARRIMAN and CO	8	S O	\$1,924,273.96	\$4,598,900,272.05	0.0000%	\$2,460.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BUCKINGHAM RESEARCH GROUP INC.	8	No.	\$1,473,357.69	\$4,598,900,272.05	0.0000%	\$1,560.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
BURNS FRY HOARE GOVETT INC	N _O	No.	\$761,045.01	\$4,598,900,272.05	0.0000%	\$2,392.50	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
CANTOR FITZGERALD and CO INC	ĕ	8	\$14,926,201.29	\$4,598,900,272.05	0.0000%	\$40,552.91	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
CAP INSTITUTIONAL SERVICES INC-E	8	8	\$265,280,814.41	\$4,598,900,272.05	0.0000%	\$319,207.20	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
CAPITAL INSTITUTIONAL SERVICES I	N _O	8 6	\$8,712,832.04	\$4,598,900,272.05	0.0000%	\$9,665.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
CAPITAL INSTITUTIONAL SERVICES,	S	8	\$138,437,582.10	\$4,598,900,272.05	0.0000%	\$185,091.40	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
CHARLES SCHWAB	No	8	\$32,047,199.75	\$4,598,900,272.05	0.0000%	\$57,433.50	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%

Ohio- Qualified Minority Chuisified- Trades Executed With Orboqualified Executed with All Dealer? \$ Amount of Trades Broker / Dealers No 8 Annount of Trades Broker / Dealers \$ Amount of Trades Executed with All Broker / Dealers No \$41,519,802.21 \$4,598,900,272.05 No \$41,519,802.21 \$4,598,900,272.05 No \$41,723,360.26 \$4,598,900,272.05 No \$4,065,558.57 \$4,598,900,272.05 No \$4,065,558.57 \$4,598,900,272.05 No \$0 \$1,386,512.40 \$4,598,900,272.05 No \$0 \$1,071,371.26 \$4,598,900,272.05 No \$10,266,637.28 \$4,598,900,272.05 No \$10,266,637.28 \$4,598,900,272.05 No \$1,649,727.41 \$4,598,900,272.05 No \$1,649,727.41 \$4,598,90				200000000000000000000000000000000000000	20 220 25		C0.272.008.08C.46	200 200		***	GOLDMAN DACTO EXECUTION AND CLEA
Ohio- Caulified Minority Trades Executed Exec			_	0.262,002,00	\$70.00	0.0000%	\$4,598,900,272,05	\$14,3Z1.34	Ö	8 8	GOLDMAN SACHS EXECUTION AND CLEA
Ohio- Chine Chin				\$6,283,292.05	\$8,924.00	0.0000%	\$4,598,900,272.05	\$6,694,853.41	8	8	G.G.E.T. LLC
Ohio- Causified Causifie				\$6,283,292.05	\$9,330.00	0.0000%	\$4,598,900,272.05	\$5,660,543.02	<mark>⊗</mark>	N _O	FULCRUM GLOBAL PARTNERS LLC
Chin- Chin			_	\$6,283,292.05	\$3,480.00	0.0000%	\$4,598,900,272.05	\$1,739,231.14	8	8	FRIEDMAN BILLINGS and RAMSEY
Chilo- Chil				\$6,283,292.05	\$12,217.00	0.0000%	\$4,598,900,272.05	\$10,907,765.43	8	No	FP MAGLIO and CO INC
Challified Chinc				\$6,283,292.05	\$10,005.00	0.0000%	\$4,598,900,272.05	\$5,058,167.98	Z	No.	FOX-PITT KELTON INC.
Professor Prof				\$6,283,292.05	\$41,552.50	0.4632%	\$4,598,900,272.05	\$21,302,011.42	ĕ	Yes	FIRST UNION CAPITAL MARKETS
Chicatilled				\$6,283,292.05	\$12,327.00	0.0000%	\$4,598,900,272.05	\$4,565,572.74	8	No	FIRST CLEARING CORP
Color Colo		Ī		\$6,283,292.05	\$128,956.10	0.0000%	\$4,598,900,272.05	\$84,173,863.67	8	_N	FIRST BOSTON
Chilo- C				\$6,283,292.05	\$24,005.00	0.0000%	\$4,598,900,272.05	\$11,364,477.32	N _O	<mark>8</mark>	FIRST ANALYSIS SECURITIES CORP
Chilo- C				\$6,283,292.05	\$15,552.25	0.0000%	\$4,598,900,272.05	\$11,396,817.20	N _O	o N	FIRST ALBANY CORP.
Chilo- C				\$6,283,292.05	\$56,953.50	0.0000%	\$4,598,900,272.05	\$45,105,761.18	Š	No	FIDELITY CAPITAL MARKETS (nfsc)
Chilo- C				\$6,283,292.05	\$5,055.00	0.0000%	\$4,598,900,272.05	\$1,649,727.41	8	8	FERRIS BAKER
Chilo- C				\$6,283,292.05	\$59,950.25	0.0000%	\$4,598,900,272.05	\$30,757,001.72	S	N	FACTSET DATA SYSTEMS(THRU BEAR S
Chicate Chic				\$6,283,292.05	\$22,433.50	0.2679%	\$4,598,900,272.05	\$12,320,746.05	N _O	Yes	EDWARDS (A.G.) and SONS INC
Chicate Chic				\$6,283,292.05	\$4,596.00	0.0000%	\$4,598,900,272.05	\$607,966.23	8	No.	DONALDSON, LUFKIN NEW
C. No No \$1,386,512.40 No No \$1,386,390,272.05 No No \$1,386,512.40 \$1,588,900,272.05 No No \$1,386,512.40 \$1,386,512.40 \$1,386,900,272.05 No No \$1,386,512.40 \$1,386,512.40 \$1,386,900,272.05 No No \$1,386,900,272.05 No No \$1,386,900,272.05 No No \$1,386,900,272.05 No No \$1,386,512.40 \$1,588,900,272.05 No No \$1,386,900,272.05 No No \$1,588,900,272.05 No No No \$1,588,900,272.05 No No No No No No No N			Ī	\$6,283,292.05	\$6,290.00	0.0000%	\$4,598,900,272.05	\$8,180,384.33	N _O	No	DONALDSON and CO. INCORPORATED
C. No No \$4,598,900,272.05 No No No No No No No N				\$6,283,292.05	\$15,465.50	0.0000%	\$4,598,900,272.05	\$10,266,637.28	8	ö	DOMINION SECURITIES
Commissions			•	\$6,283,292.05	\$99,522.59	0.0000%	\$4,598,900,272.05	\$89,011,517.81	No 0	<mark>⊗</mark>	DEUTSCHE BANC ALEX, BROWN INC.
Cohio- Cohio- Cohio- Commissions C			Ĭ	\$6,283,292.05	\$3,196.50	0.0000%	\$4,598,900,272.05	\$3,063,493.88	N _O	8	DAVIS, MENDEL and REGENSTEIN, IN
Commissions		Ĭ		\$6,283,292.05	\$3,755.00	0.0000%	\$4,598,900,272.05	\$1,071,371.26	N _O	No ·	DAVIDSON (D.A.) and CO INC-NSCC
Chilo- Chilo- Chilo- Commissions C				\$6,283,292.05	\$0.00	0.0000%	\$4,598,900,272.05	\$8,999.78	N _O	8	CREDIT RESEARCH and TRADING L. L
Chilo- Chilo- Commissions Commission				\$6,283,292.05	\$60,118.90	0.5169%	\$4,598,900,272.05	\$23,772,210.39	No.	Yes	COWEN and COMPANY
Commissions				\$6,283,292.05	\$1,390.00	0.0000%	\$4,598,900,272.05	\$1,386,512.40	8	Š	COMPASS POINT RESEARCH AND TRADI
Commissions				\$6,283,292.05	\$7,500.00	0.0000%	\$4,598,900,272.05	\$4,065,558.57	N _O	No.	CJS SECURITIES
Trades Fraction Trades				\$6,283,292.05	\$141,738.00	2.1415%	\$4,598,900,272.05	\$98,483,859.80	N _o	Yes	CITIGROUP GLOBAL MARKETS INC.
Trades Ohlo- Qualified \$Amount of Commissions Qualified Broker / With Ohlo-Qualified Executed with All Broker / Dealers Brok				\$6,283,292.05	\$66,307.00	0.0000%	\$4,598,900,272.05	\$41,723,360.26	8	No	CITATION GROUP/BCC CLRG
Trades Chio- Ohio- Qualified Samount of Trades Secuted Samount of Trades Secuted Se					\$62,107.40	0.0000%	\$4,598,900,272.05	\$41,519,802.21	N _O	S	CIBC WORLD MARKETS CORP
Trades Executed Executed Ohlo- Qualified- \$ Amount of Trades Qualified Paid To Ohlo- Trades Executed \$ Amount of Trades Qualified Paid To Ohlo- Trades Executed \$ Amount of Trades Qualified Paid To Ohlo- Trades Executed With Ohlo-Qualified Executed With All Trades Paid To All Trades Paid To All Trades Proker Qualified Broker Broker Executed With All				Broker / Dealers	/ Dealers	Dealers	Broker / Dealers	Broker / Dealers	Dealer?	Dealer?	Broker/Dealer Retained by Public Fund
Trades Tr			ê	Paid To All	Qualified Broker		d Executed with All	with Ohio-Qualifie	Broker /	Broker /	
Trades Trades Trades Trades Trades Commissions Comm	_	ľ		nissions	Paid To Ohio-		& Amount of Trades		Minority.	Onalified	
Trades Trades Executed **Cof Total **Cof T	through C	lifled			Commissions	Charles of the			Onlo-	2	
Trades	Excecute	Ohio-				Executed			2		
real w	Trades	itted .	E Y D			Traues					
	% of Tota	PA .	Trac		•	Tandor Total					

0.000076	\$4,396,900,272.03	90.00	0.0000%	\$0,203,292,00	\$C,911.00	0.0000%	44,380,800,272,03	\$2,001,000.40	ā	ā	INTERITY, COLONIA BIRG FILLYOCK
0.00007		0.00	0.0000	0,100,101.00	00,000.10	0.00000	4	900000000000000000000000000000000000000	i	2	WILLED TABAK and LIBECT
0 0000%		\$0.00	0.5787%	\$6 283 292 05	\$36.363.40	0.2955%	\$4 598 900 272 05	\$13.591.883.70	N o	Yes	MIDWEST RESEARCH SECURITIES
0.0000%	\$4,598,900,272.05	\$0.00	3.0577%	\$6,283,292.05	\$192,122.20	2.7549%	\$4,598,900,272.05	\$126,694,627.66	N _o	Yes	MERRILL LYNCH, PIERCE, FENNER and
0.0000%	\$4,598,900,272.05	\$0.00	0.2843%	\$6,283,292.05	\$17,865.00	0.2158%	\$4,598,900,272.05	\$9,926,243.87	N _o	Yes	MERRILL LYNCH PROFESSIONAL CLEAR
0.0000%	\$4,598,900,272.05	\$0.00	0.4206%	\$6,283,292.05	\$26,430.00	0.3347%	\$4,598,900,272.05	\$15,392,402.58	N _o	Yes	MCDONALD and COMPANY SECURITIES,
0.0000%	\$4,598,900,272.05	\$0.00	0.0321%	\$6,283,292.05	\$2,020.00	0.0477%	\$4,598,900,272.05	\$2,193,681.87	N _O	Yes	LYNCH JONES and RYAN INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$81,566.00	0.0000%	\$4,598,900,272.05	\$102,856,672.45	N _O	S	LIQUIDNET INC
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$162,586.73	0.0000%	\$4,598,900,272.05	\$93,926,638.44	N _o	N _O	LEHMAN BROTHERS INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0547%	\$6,283,292.05	\$3,437.70	0.0378%	\$4,598,900,272.05	\$1,737,242.83	N _o	Yes	LEGG MASON WOOD WALKER, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.8549%	\$6,283,292.05	\$53,714.15	0.7781%	\$4,598,900,272.05	\$35,786,070.38	N _o	Yes	LEGG MASON WOOD WALKER, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$1,385.00	0.0000%	\$4,598,900,272.05	\$735,499.15	N _o	S	LEERINK SWANN AND COMPANY
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$9,247.50	0.0000%	\$4,598,900,272.05	\$4,477,879.18	N	N	LAZARD FRERES and CO.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$565.00	0.0000%	\$4,598,900,272.05	\$972,898.36	N _o	No	LA BRANCHE FINANCIAL #2
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$73,295.87	0.0000%	\$4,598,900,272.05	\$25,704,369.22	No.	8	KNIGHT SECURITIES BROADCORT CAP
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$32,437.50	0.0000%	\$4,598,900,272.05	\$9,773,843.09	N _o	No	KING (C.L.) and ASSOC INC
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$33,774.80	0.0000%	\$4,598,900,272.05	\$14,783,627.78	N _o	8	KEEFE BRUYETTE AND WOODS INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$1,504.00	0.0000%	\$4,598,900,272.05	\$282,600.47	<mark>8</mark>	Ö	KAUFMAN BROTHERS
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$20,728.00	0.0000%	\$4,598,900,272.05	\$16,038,575.44	N _O	No	JONES and ASSOCIATES, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$2,850.00	0.0000%	\$4,598,900,272.05	\$1,717,175.91	N _O	Ö	JOHNSON RICE and CO
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$125.00	0.0000%	\$4,598,900,272.05	\$130,119.25	N ₀	N _O	JMP SECURITIES
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$146,775.61	0.0000%	\$4,598,900,272.05	\$130,581,140.16	No	N	JEFFERIES and CO.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$14,630.00	0.0000%	\$4,598,900,272.05	\$10,380,379.82	No	8	JANNEY MONTGOMERY SCOTT, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$8,380.00	0.0000%	\$4,598,900,272.05	\$2,202,302.23	No	8	ISI GROUP INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$1,795.00	0.0000%	\$4,598,900,272.05	\$1,430,977.59	N _o	N _O	ISI GROUP EQUITIES
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$97,755.19	0.0000%	\$4,598,900,272.05	\$130,678,144.61	N _O	8	INVESTMENT TECHNOLOGY GROUP INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$18.00	0.0000%	\$4,598,900,272.05	\$27,276.26	No	8	INSTINET CLEARING SERVICES, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$96,058.84	0.0000%	\$4,598,900,272.05	\$110,644,760.81	No	N _O	INSTINET
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$395.00	0.0000%	\$4,598,900,272.05	\$138,508.58	No	8 8	HOEFER and ARNETT, INC.
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$1,923.00	0.0000%	\$4,598,900,272.05	\$1,655,381.96	No 0	S	HEFLIN AND CO., LLC
0.0000%	\$4,598,900,272.05	\$0.00	0.0000%	\$6,283,292.05	\$33,300.00	0.0000%	\$4,598,900,272.05	\$55,276,946.29	N _O	S	GUZMAN AND COMPANY
/ Dealers	Broker/Dealers	Dealers	/ Dealers	Broker / Dealers	/ Dealers	Dealers	Broker / Dealers	Broker / Dealers	Dealer?	Dealer?	Broker/Dealer Retained by Public Fund
Minority Broker	Executed with All		Qualified Broker	Paid To All	Qualified Broker	Broker /	with Ohio-Qualified Executed with All	with Ohio-Qualifie	Broker /	Broker /	
Qualified	\$ Amount of Trades	Minority	Paid to Ohio-	Commissions	Paid To Ohio-	Qualified	\$ Amount of Trades		Minority	Qualified	
through Ohio-		Qualified	Commissions		Commissions	Ohio-		\$ Amount of	Qualified-	Ohio-	
Excecuted		with Ohio-	% of Total			through			Ohio-		
Trades		Executed				Executed					
% of Total		Trades				Trades					
		\$ Amount				% of Total \$					

SUNGARD SIMULATOR BROKER-ETI No	STIFEL NICOLAUS CO. Yes	No	STATE STREET BROKERAGE No	NC No	STANDARD AND POOR'S SECURITIES, No	SOUNDVIEW FINANCIAL GROUP No	VATIONA No	No	SG COWEN AND CO LLC Yes	SCOTIA MCLEOD (USA) INC No	SANDLER O'NEILL and PARTNERS LP No	SANDERS MORRIS MUNDY No	SALOMON BROTHERS Yes	ROSENBLATT SECURITIES INC No	RBC DAIN RAUSCHER INC. Yes	RAYMOND, JAMES and ASSOC. INC. Yes	PRUDENTIAL EQUITY GROUP Yes	PERSHING LLC No	PCS SECURITIES INC. No	PAULSEN, DOWLING SECURITIES, INC No	PACIFIC GROWTH EQUITIES No	OPPENHEIMER AND CO. INC. No	NO BROKER OR BROKER UNKNOWN No	NEUBERGER and BERMAN No	NEEDHAM and CO No	NATIONAL FINANCIAL SERVICES CORP No	MORGAN, KEEGAN and CO. No	MORGAN STANLEY and CO., INCORPOR No	MORGAN (J.P.)SECURITIES INC No	Broker / Broker/Dealer Retained by Public Fund Dealer?	Qualified	Ohio-			
Š	N _O	8 N	8 O	8 8	8 8	8 8	Ö	N _O	No	8 8	No	No	No	o	No	No	8	8	8 8	No	N _O	8	8	N _o	N _o	8	8	8	Ö	Broker / Dealer?	Minority	Oualified.	5		
\$4,391,616.94	\$2,111,055.70	\$5,714,433.92	\$2,220,805.21	\$7,598,720.70	\$2,158,699.96	\$5,808,483.21	\$1,591,853.89	\$6,586,292.61	\$9,158,612.97	\$2,498,243.79	\$2,772,738.30	\$2,134,118.73	\$481,239.73	\$100,972,949.93	\$4,709,328.40	\$7,495,569.48	\$44,531,523.43	\$15,842,558.81	\$5,405,260.50	\$2,537,961.01	\$2,848,227.72	\$3,259,082.93	\$130,423,695.67	\$494,176.80	\$3,633,925.73	\$1,214,876.87	\$5,065,319.54	\$80,698,723.86	\$61,246,199.82	with Ohio-Qualific Broker / Dealers		\$ Amount of			
\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	with Ohio-Qualified Executed with Ali Broker / Dealers Broker / Dealers	\$ Amount of Trades				
0.0000%	0.0459%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1991%	0.0000%	0.0000%	0.0000%	0.0105%	0.0000%	0.1024%	0.1630%	0.9683%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%			Ohio-	Executed	Franks	% of Total \$
\$3,635.00	\$2,857.00	\$13,717.50	\$1,978.00	\$7,735.00	\$2,430.00	\$25,247.67	\$6,875.00	\$19,605.00	\$17,082.50	\$3,898.00	\$5,162.60	\$8,375.00	\$285.00	\$58,220.00	\$9,743.24	\$16,398.75	\$82,665.75	\$21,642.50	\$5,543.75	\$3,757.25	\$2,310.00	\$7,865.00	\$32,517.97	\$1,175.00	\$8,805.00	\$1,871.50	\$15,285.00	\$112,171.25	\$93,040.75	Qualified Broker / Dealers	Paid To Ohio-	Commissions			•
\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05	\$6,283,292.05		Commissions				
0.0000%	0.0455%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.2719%	0.0000%	0.0000%	0.0000%	0.0045%	0.0000%	0.1551%	0.2610%	1.3156%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%		Paid to Ohio-	Commissions	27		
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00		Minority	Ouglified	Executed	Franks	\$ Amount
\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	\$4,598,900,272.05	Executed with All Broker/Dealers	\$ Amount of Trades				
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Minority Broker / Dealers	Qualified	through Ohio-	Fraces	Tandas	o/ of Total

					% of Total \$ Trades				\$ Amount Trades		% of Total
	Ohio- Qualified Broker /	Ohio- Qualified- Minority Broker /		\$ Amount of Trades Executed \$ Amount of Trades with Ohio-Qualified Executed with All		Commissions Paid To Ohio- Commissio Qualified Broker Paid To All	Commissions Paid To All	% of Total with Ohlo Commissions Qualifie Paid to Ohlo- Minority Qualified Broker Broker,	with Ohio- Qualified Minority	\$ Amount of Trades Executed with All	Excecuted Excecuted through Ohio- Qualified Minority Broker
Broker/Dealer Retained by Public Fund	Dealer?	Dealer?	Broker / Dealers	Broker / Dealers	Dealers	/ Dealers	Broker / Dealers		Dealers	Broker/Dealers	/ Dealers
SUNGUARD INSTITUTIONAL BROKERAGE	8	8	\$2,317,116.89	\$4,598,900,272.05	0.0000%	\$7,712.40	\$6,283,292.05	0	\$0.00	\$4,598,900,272.05	0.0000%
SUNTRUST CAPITAL MARKETS, INC.	8	ŏ	\$11,449,187.17	\$4,598,900,272.05	0.0000%	\$22,462.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
THOMAS WEISEL PARTNERS, LLC	S	8	\$25,746,600.28	\$4,598,900,272.05	0.0000%	\$73,051.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
U.S. BANCORP PIPER JAFFRAY INC	8 o	8	\$14,739,635.50	\$4,598,900,272.05	0.0000%	\$22,875.75	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
U.S. CLEARING CORP	8	ö	\$1,863,742.35	\$4,598,900,272.05	0.0000%	\$3,135.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
UBS SECURITIES, INC.	Yes	8 8	\$3,264,144.56	\$4,598,900,272.05	0.0710%	\$3,158.10	\$6,283,292.05	0.0503%	\$0.00	\$4,598,900,272.05	0.0000%
UBS WARBURG LLC	Yes	8	\$163,377,496.56	\$4,598,900,272.05	3.5525%	\$240,936.05	\$6,283,292.05	3.8346%	\$0.00	\$4,598,900,272.05	0.0000%
UNTERBERG HARRIS	8 O	Š	\$2,285,548.96	\$4,598,900,272.05	0.0000%	\$4,025.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
WACHOVIA SECURITIES, LLC.	Yes	8	\$15,324,304.32	\$4,598,900,272.05	0.3332%	\$20,458.00	\$6,283,292.05	0.3256%	\$0.00	\$4,598,900,272.05	0.0000%
WEDBUSH MORGAN SECURITIES INC-NS	8	8	\$8,718,309.30	\$4,598,900,272.05	0.0000%	\$32,860.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
WEEDEN AND CO.	8	8	\$200,288,413.17	\$4,598,900,272.05	0.0000%	\$133,571.28	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
WELLS FARGO SECURITIES LLC	S	S	\$3,657,273.74	\$4,598,900,272.05	0.0000%	\$4,490.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
WILLIAM BLAIR	Š	8	\$2,033,905.77	\$4,598,900,272.05	0.0000%	\$4,551.80	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
WILLIAM SMITH SECURITIES	8	8	\$2,389,192.72	\$4,598,900,272.05	0.0000%	\$4,370.00	\$6,283,292.05	0.0000%	\$0.00	\$4,598,900,272.05	0.0000%
Total	23	٩	\$794,071,938.32	\$4,598,900,272.05	19.7911%	\$1,212,890.06	\$6,283,292.05	23.1426%	\$0.00	\$4.598.900.272.05	0.0000%

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7/1/04 - 3/31/05 Settlement Date

LA BRANCHE FINANCIAL #2 No No No	KNIGHT SECURITIES BROADCORT CAP No No	KING (C.L.) and ASSOC INC No No No	KEEFE BRUYETTE AND WOODS INC. No No	JONES and ASSOCIATES, INC. No No No	JOHNSON RICE and CO No No No	JOHN G KINNARD No No	JMP SECURITIES No No No	JEFFERIES and CO. No No	JANNEY MONTGOMERY SCOTT, INC. No No	SI GROUP INC. No No	INVESTMENT TECHNOLOGY GROUP INC. No No	NSTINET No No	HOEFER AND ARNETT INC. No No	GUZMAN AND COMPANY No No No	GOLDMAN, SACHS and CO. No No No	GOLDMAN SACHS EXECUTION AND CLEA NO NO	G.G.E.T. LLC No No	FULCRUM GLOBAL PARTNERS LLC NO NO	FRIEDMAN BILLINGS and RAMSEY No No	FOX-PITT KELTON INC. No No	FIRST UNION CAPITAL MARKETS Yes No	FIRST CLEARING CORP No No No	FIRST BOSTON No No	FIRST ANALYSIS SECURITIES CORP No No No	FIRST ALBANY CORP. No No No	FIDELITY CAPITAL MARKETS (nfsc) No No	FERRIS BAKER No No	FACTSET DATA SYSTEMS(THRU BEAR S No No	FACTSET DATA SYSTEMS INC No No No	Qualified Minority Broker / Broker / Broker / Broker / Dealer? Dealer?	Ohio- Qualified-	Ohio-		
\$5,545,925.60	\$11,414,740.92	\$7,514,164.61	\$9,618,372.99	\$6,615,639.15	\$2,384,162.22	\$1,443,224.43	\$3,917,958.52	\$165,727,089.50	\$107,580.00	\$14,988,245.18	\$72,824,012.44	\$136,069,596.14	\$195,423.34	\$393,816.55	\$144,067,043.34	\$23,463,134.86	\$539,120.98	\$7,938,009.29	\$2,937,837.62	\$24,144,248.03	\$14,159,189.85	\$12,797,422.61	\$69,916,331.53	\$10,702,095.35	\$4,121,533.76	\$51,754,671.62	\$1,501,200.00	\$30,141,581.22	\$511,376.50	/ Trades Executed \$ Amount of Trad / with Ohio-Qualified Executed with All Broker / Dealers Broker / Dealers	d- \$ Amount of			
\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$ Amount of Trades d Executed with All Broker / Dealers				
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.3402%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Qualified Broker / Dealers	Ohio-	through	Fraces	% of Total \$
\$3,141.10	\$35,067.72	\$22,870.00	\$16,850.75	\$5,828.22	\$5,930.00	\$2,400.00	\$5,755.00	\$105,026.10	\$330.00	\$24,539.55	\$49,516.14	\$110,625.51	\$333.95	\$222.00	\$166,826.95	\$15,033.21	\$843.00	\$18,899.25	\$4,335.00	\$33,240.00	\$24,887.50	\$24,495.00	\$115,527.72	\$18,150.00	\$8,436.20	\$50,882.71	\$0.00	\$57,064.00	\$615.00	Paid To Ohio- Qualified Broker / Dealers	Commissions			J,
\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	\$4,360,263.92	Commissions Paid To All Broker / Dealers				
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.5708%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Paid to Ohio- Qualified Broker / Dealers	Commissions	% of Total		
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Minority or Broker / Dealers	Qualified	with Ohio-	Trades	\$ Amount
\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$4,162,429,744.97	\$ Amount of Trades Executed with All Broker/Dealers				
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Qualified Minority Broker / Dealers	through Ohio-	Excecuted	% of Total	1

Ohlo-Gualffed Count of Trades Executed Executed Executed Executed Executed Executed Executed Executed With Office Plant of Commissions Commissions Commissions Part of Counting Executed Executed With Office Plant of Ohlo-Gualified Executed With All Exclass 74.39 0.0000% \$4,360,263.92 0.0000% \$50.00 000	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263,92	\$875.00	0.0000%	34,162,429,744,97	\$675,695.98	Z	Š	CIMINICING SING COMPANY INTERNATIONS
Dillo- Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$4,835.00	0.0000%	\$4,162,429,744.97	\$1,8/8,1/4.69	8	7 8	CIVATONIC COMPANY, LEC
Column C	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$8,145.00	0.0000%	\$4,162,429,744.97	\$3,148,870.51	3 8 6	8 8	SIDOTI AND COLLEC
Coloradia Colo	0.0000%	\$4,162,429,744.97	\$0.00	1.0845%	\$4,360,263.92	\$47,287.15	0.3800%	\$4,162,429,744.97	\$15,819,045.34	8	Yes	SG COWEN AND CO LLC
Ohlo- Ohlo	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$2,010.00	0.0000%	\$4,162,429,744.97	\$1,491,340.59	8	No.	SANDLER O'NEILL and PARTNERS LP
Othe- Caulified Samount of Trades Executed Samount of Trades Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$25,802.50	0.0000%	\$4,162,429,744.97	\$48,694,887.47	S	Š	ROSENBLATT SECURITIES INC
Chicago Chic	0.0000%	\$4,162,429,744.97	\$0.00	0.1331%	\$4,360,263.92	\$5,805.00	0.0770%	\$4,162,429,744.97	\$3,204,538.22	8	Yes	RAYMOND, JAMES and ASSOC. INC.
Chicago Chic	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$174.00	0.0000%	\$4,162,429,744.97	\$34,419.70	Ö	S	PULSE TRADING LLC
Chicago Chic	0.0000%	\$4,162,429,744.97	\$0.00	2.4805%	\$4,360,263.92	\$108,156.00	1.1395%	\$4,162,429,744.97	\$47,429,821.72	8	Yes	PRUDENTIAL EQUITY GROUP
Chin- Chin	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$21,298.35	0.0000%	\$4,162,429,744.97	\$13,285,087.39	8	8	PERSHING LLC
Chicago Chic	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$26,308.25	0.0000%	\$4,162,429,744.97	\$17,034,918.72	8	S	PCS SECURITIES INC.
Chicago Chic	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$20,857.75	0.0000%	\$4,162,429,744.97	\$15,849,714.23	8	No	PAULSEN, DOWLING SECURITIES, INC
Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$13,039.25	0.0000%	\$4,162,429,744.97	\$4,975,407.65	S	Ň	OPPENHEIMER AND CO. INC.
Chilo- C	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$25,836.71	0.0000%	\$4,162,429,744.97	\$91,262,227.27	8	No	NO BROKER OR BROKER UNKNOWN
Chicable	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$6,305.00	0.0000%	\$4,162,429,744.97	\$1,443,266.29	8	8	NEEDHAM and CO
Coling	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$2,512.00	0.0000%	\$4,162,429,744.97	\$1,352,722.36	Š	8	NATIONAL INVESTOR SERVICES CORP.
Public Fund	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$18,274.80	0.0000%	\$4,162,429,744.97	\$7,210,280.80	8	8	NATIONAL FINANCIAL SERVICES CORP
Chilo-	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$19,290.00	0.0000%	\$4,162,429,744.97	\$8,102,402.86	8 0	S	MORGAN, KEEGAN and CO.
Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$82,346.75	0.0000%	\$4,162,429,744.97	\$65,789,170.54	N _O	8	MORGAN STANLEY and CO., INCORPOR
Chilo- C	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$49,958.95	0.0000%	\$4,162,429,744.97	\$26,974,294.38	8	No.	MORGAN (J.P.)SECURITIES INC
Chilo- Chilo- Chilo- Commissions C	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$1,865.00	0.0000%	\$4,162,429,744.97	\$729,301.28	8	No	MILLER, TABAK and HIRSCH
Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.1167%	\$4,360,263.92	\$5,087.70	0.1740%	\$4,162,429,744.97	\$7,240,906.24	<mark>8</mark>	Yes	MIDWEST RESEARCH SECURITIES
Trades Fig. 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,	0.0000%	\$4,162,429,744.97	\$0.00	2.6854%	\$4,360,263.92	\$117,090.17	2.3357%	\$4,162,429,744.97	\$97,222,786.08	S 6	Yes	MERRILL LYNCH, PIERCE, FENNER and
Chicago Chicago Chicago Chicago Commissions Co	0.0000%	\$4,162,429,744.97	\$0.00	0.7086%	\$4,360,263.92	\$30,899.00	0.4645%	\$4,162,429,744.97	\$19,334,937.34	No.	Yes	MERRILL LYNCH PROFESSIONAL CLEAR
Chicago Chicago Chicago Chicago Commissions Co	0.0000%	\$4,162,429,744.97	\$0.00	2.6336%	\$4,360,263.92	\$114,830.50	1.6036%	\$4,162,429,744.97	\$66,747,640.05	ĕ	Yes	MCDONALD and COMPANY SECURITIES,
Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0038%	\$4,360,263.92	\$167.04	0.0058%	\$4,162,429,744.97	\$239,775.34	8 o	Yes	LYNCH JONES and RYAN INC.
Commissions	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$32,736.22	0.0000%	\$4,162,429,744.97	\$51,435,717.39	Ň	8	LIQUIDNET INC
Trades Ohlo- Qualified \$Amount of Qualified Executed with All Broker Dealers Dealers Dealers Paid To Ohlo- Dealers Paid To Ohlo- Dealers Paid To Ohlo- Oualified Broker Dealers Dealers Dealers Dealers Paid To Ohlo- Oualified Broker Dealers De	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$126,307.53	0.0000%	\$4,162,429,744.97	\$68,482,777.12	8 o	N _O	LEHMAN BROTHERS INC.
Ohio- Qualified \$Amount of Trades Qualified Broker Gualified Executed with All Broker Dealers Deal	0.0000%	\$4,162,429,744.97	\$0.00	0.8211%	\$4,360,263.92	\$35,803.75	0.5244%	\$4,162,429,744.97	\$21,828,731.41	N _O	Yes	LEGG MASON WOOD WALKER, INC.
Trades Ohlo- Qualified \$Amount of Trades Qualified Broker Broker Dealers Broker Deal	0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$1,390.00	0.0000%	\$4,162,429,744.97	\$702,728.48	S	ĕ	LEERINK SWANN AND COMPANY
Trades Executed Ohlo- Qualified- \$Amount of Trades Qualified Minority Trades Executed \$Amount of Trades Qualified Paid To Ohlo- Growmissions Paid to Ohlo- Trades Qualified Broker Executed with All Broker Qualified Broker Executed with All Broker Qualified Broker Executed with All Broker Executed with All Broker Qualified Broker Executed with All Broker Executed with All Broker Qualified Broker Executed with All Broker Executed w	/ Dealers	Broker/Dealers				/ Dealers	Dealers	Broker / Dealers	Broker / Dealers	Dealer?	Dealer?	Broker/Dealer Retained by Public Fund
Trades Trades Trades Trades Chio- Cualified- \$ Amount of Chio- Commissions Com	Qualified	\$ Amount of Trades Executed with All		Paid to Ohio- Qualified Broke	Com	Paid To Ohio- Qualified Broker	Qualified Broker /	\$ Amount of Trades		Minority Broker /	Qualified Broker /	
Trades Trades Executed Executed % of Total with Ohio.	through		Qualified	Commissions		Commissions	Ohio-			Qualified-	Ohio-	
Traces	Excecut		with Ohio-	% of Total			through			Ohio-		
Trade	Trades		Executed				Executed					
	% of To		Trades				Trades					

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0.0000%	\$4,162,429,744.97	\$0.00	20.5613%	\$4,360,263.92	\$707,848.06	13.4112%	\$4,162,429,744.97	\$471,810,192.56	0	20	Total
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$13,095.00	0.0000%	\$4,162,429,744.97	\$7,239,236.41	8	S S	WILLIAM SMITH SECURITIES
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$717.10	0.0000%	\$4,162,429,744.97	\$2,345,998.82	N _O	Š	WHITE CAP TRADING LLC
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$15,775.00	0.0000%	\$4,162,429,744.97	\$6,990,372.35	8	8	WELLS FARGO SECURITIES LLC
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$49,025.60	0.0000%	\$4,162,429,744.97	\$65,400,053.89	8	8	WEEDEN AND CO.
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$6,860.00	0.0000%	\$4,162,429,744.97	\$1,201,008.88	8 8	8	WEDBUSH MORGAN SECURITIES INC-NS
0.0000%	\$4,162,429,744.97	\$0.00	0.2437%	\$4,360,263.92	\$10,626.80	0.2029%	\$4,162,429,744.97	\$8,445,910.81	8	Yes	WACHOVIA SECURITIES, LLC.
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$370.00	0.0000%	\$4,162,429,744.97	\$120,174.52	8	8 6	UNTERBERG HARRIS
0.0000%	\$4,162,429,744.97	\$0.00	3.1289%	\$4,360,263.92	\$136,430.10	2.1555%	\$4,162,429,744.97	\$89,720,813.09	8	Yes	UBS WARBURG LLC
0.0000%	\$4,162,429,744.97	\$0.00	0.0748%	\$4,360,263.92	\$3,260.00	0.0426%	\$4,162,429,744.97	\$1,771,979.02	S _O	Yes	UBS SECURITIES, INC.
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$1,585.00	0.0000%	\$4,162,429,744.97	\$1,424,364.05	8	8	U.S. CLEARING CORP
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$11,715.80	0.0000%	\$4,162,429,744.97	\$4,261,303.14	8	8	U.S. BANCORP PIPER JAFFRAY INC
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$62,422.15	0.0000%	\$4,162,429,744.97	\$35,264,333.67	8	8 6	THOMAS WEISEL PARTNERS, LLC
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$5,366.75	0.0000%	\$4,162,429,744.97	\$4,138,936.65	8 0	8	SUNTRUST CAPITAL MARKETS, INC.
0.0000%	\$4,162,429,744.97	\$0.00	0.0329%	\$4,360,263.92	\$1,435.00	0.0095%	\$4,162,429,744.97	\$397,336.76	8	Yes	STIFEL NICOLAUS CO.
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$18,847.50	0.0000%	\$4,162,429,744.97	\$6,681,541.95	8	8	STEPHENS INC
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$258,656.15	0.0000%	\$4,162,429,744.97	\$745,854,923.30	ŏ	8	STATE STREET BROKERAGE
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$41,402.00	0.0000%	\$4,162,429,744.97	\$24,613,722.57	8	8	STANDARD AND POOR'S SECURITIES,
0.0000%	\$4,162,429,744.97	\$0.00	0.0000%	\$4,360,263.92	\$0.00	0.0000%	\$4,162,429,744.97	\$156,573,463.68	8 O	8	SSB-CUSTODIAN
/ Dealers	Broker/Dealers	Dealers	/ Dealers	Broker / Dealers	/ Dealers	Dealers	Broker / Dealers	Broker / Dealers	Dealer?	Dealer?	Broker/Dealer Retained by Public Fund
Minority Broker	Executed with All	Broker /	Qualified Broker Broker	Paid To All	Qualified Broker Paid To All	Broker /	with Ohio-Qualified Executed with All	with Ohio-Qualifie	Broker /	Broker /	
Qualified	\$ Amount of Trades	Minority	Paid to Ohio-	Commissions	Paid To Ohlo-	Qualified	\$ Amount of Trades	Trades Executed	Minority	Qualified	
through Ohio-		Qualified	Commissions		Commissions	Ohio-		\$ Amount of	Qualified-	Ohio-	
Excecuted		with Ohio-	% of Total			through			Ohio-		
Trades		Executed				Executed					
% of Total		Trades				Trades					
		\$ Amount				% of Total \$					

% of Total \$ \$ Amount

OP-F Fixed Income Broker / Dealer Report

					Trades	Trades		% of Total
					Executed	Executed with		Trades
		Ohio-			through	Ohio-		Excecuted
	-oido	Qualified-	\$ Amount of Trades		Ohio-	Qualified		through Ohio-
	Qualified Broker /	Minority Broker /	Executed with Ohio- Qualified Broker /	\$ Amount of Trades Executed with All	Qualified Broker /	Minority Broker /	\$ Amount of Trades Executed with All	Qualified Minority Broker
Broker/Dealer Retained by Public Fund	Dealer?	Dealer?	Dealers	Broker / Dealers	Dealers	Dealers	Broker/Dealers	/ Dealers
ADVEST	<u>گ</u>	8 8	\$40,700.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
AMHERST SECURITIES GROUP INC.	8	8 8	\$6,774,687.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
BANC/AMERICA SECUR LLC, MONTGOME	2	8 °	\$84,173,246.68	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BANCAMERICA SEC INC (BK/AMER NT	2	№	\$2,199,259.04	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BANCAMERICA SECURITIES INC	2	∾	\$552,375.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BANK ONE CAPITAL MARKETS	Yes	<u>۷</u>	\$11,064,994.76	\$10,245,606,593.54	0.1080%	\$0.00	\$10,245,606,593.54	0.0000%
BANKERS TRUST COMPANY/AMHERST SE	8	2	\$8,572,277.23	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000%
BARCLAYS BANK PLC, N.Y. BRANCH	2	2	\$16,469,457.23	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BARCLAYS CAPITAL INC. FIXED INCO	&	<u>9</u>	\$8,889,272.68	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BARCLAYS CAPITAL INC. FIXED INCO	8	No No	\$13,681,136.73	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BBandT CAPITAL MARKETS	Yes	S S	\$1,042,500.00	\$10,245,606,593.54	0.0102%	\$0.00	\$10,245,606,593.54	%00000
BEAR STEARNS and CO INC	%	8 S	\$58,844,979.89	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000%
BEAR, STEARNS SECURITIES CORP	8	₽,	\$205,492,279.32	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BERNSTEIN, SANFORD C., and CO.,	2	ջ	\$520,513.51	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%000000
BHC SECURITITES	8	ջ	\$7,277,187.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
BLAYLOCK AND PARTNERS, L.P.	2	ջ	\$4,134,371.40	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
BNP PARIBAS SECURITIES BOND	2	№	\$10,826,859.40	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
BNP PARIBAS SECURITIES CORP/BOND	2	%	\$130,000.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%000000
BNY CAPITAL MARKETS, INC	8	<u>چ</u>	\$3,597,937.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BNY CLEARING SERVICES LLC	2	٩ ۷	\$1,107,058.45	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
BONY/COUNTRYWIDE SEC CORP	₈	%	\$10,929,275.24	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
BONY/COUNTRYWIDE SECURITIES CORP	2	ջ	\$15,806,339.72	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	%000000
CHASE SECURITIES, INC.	8	%	\$56,364,711.78	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
CHASE SECURITIES, INC.	8	ջ	\$25,050,196.94	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
CIBC WORLD MARKETS CORP	8	∾	\$5,280,863.73	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000%
CITIGROUP GLOBAL MARKETS INC.	Yes	S N	\$7,970,811.75	\$10,245,606,593.54	0.0778%	\$0.00	\$10,245,606,593,54	0.0000%
COWEN and COMPANY	Yes	<u>8</u>	\$3,192,354.59	\$10,245,606,593.54	0.0312%	\$0.00	\$10,245,606,593.54	0.0000%
CREDIT RESEARCH and TRADING L. L	<u>8</u>	<u>چ</u>	\$117,250.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
CUSTODIAL TRUST COMPANY	8 8	%	\$10,185,217.44	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
DEUSTCHE BANK CAPITAL CORP	8	2	\$222,250,130.18	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
DEUTSCHE BANC ALEX. BROWN INC.	8	S S	\$148,544,016.58	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	%00000
DEUTSCHE BANC ALEX. BROWN INSTIT	8 S	No No	\$120,532,742.18	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%0000.0

OP-F Fixed Income Broker / Dealer Report

					% of Total \$ \$ Amount	\$ Amount		
					Trades	Trades		% of Total
		į			Executed	Executed with	_	Trades
	Š	Onio-	& Amount of Trades		through Ohlo-	Onio- Orialified		through Ohio.
	Qualified	Minority	Executed with Ohio-	\$ Amount of Trades	Qualified	Minority	\$ Amount of Trades	Qualified
	Broker /	Broker /	Qualified Broker /	Executed with All	Broker /	Broker /	Executed with All	Minority Broker
Broker/Dealer Retained by Public Fund	Dealer?	Dealer?	Dealers	Broker / Dealers	Dealers	Dealers	Broker/Dealers	/ Dealers
DOMINION SECURITIES	S S	No.	\$3,281,267.54	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%0000.0
FIDELITY CAPITAL MARKETS (nfsc)	8	8	\$78,480.57	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
FIRST BOSTON	%	No No	\$322,811,247.13	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	0.0000%
FIRST TENNESSEE BANK BOND DIVISI	N _o	S S	\$18,706,471.40	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
FIRST UNION CAPITAL MARKETS	Yes	No No	\$14,479,494.34	\$10,245,606,593.54	0.1413%	\$0.00	\$10,245,606,593.54	%00000
FIRST UNION CAPITAL MARKETS	Yes	8	\$4,305,844.70	\$10,245,606,593.54	0.0420%	\$0.00	\$10,245,606,593.54	0.0000%
FREDDIE MAC'S SEC SALES and TRAD	S S	№	\$18,938,125.32	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	0.0000%
GANT (J.W.) and ASSOC INC - NSCC	No No	8	\$3,101,776.94	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	0.0000%
GOLDMAN SACHS EXECUTION AND CLEA	No	<u>۷</u>	\$3,444,297.48	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
GOLDMAN, SACHS and CO.	No	No No	\$1,441,777,061.84	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
GREENWICH CAPITAL	<u>%</u>	N _o	\$52,117,366.41	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
HARRIS NESBITT CORP. BONDS	No	No No	\$304,500.00	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
HOUGH (WILLIAM R.) and CO.	N _o	No	\$539,902.22	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
HSBC SECURITIES, INC	8	_S	\$41,083,836.13	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
IMPERIAL CAPITAL LLC	<u>8</u>	%	\$142,950.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%0000.0
INSTINET	8	8	\$1,220,606.64	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
JEFFERIES and CO.	<u>8</u>	<u>8</u>	\$278,670.00	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
JESUP and LAMONT SECURITIES	<u>8</u>	ջ	\$478,087.50	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000
JP MORGAN CHASE BANK/HSBCSI	Yes	2	\$5,105,703.13	\$10,245,606,593.54	0.0498%	\$0.00	\$10,245,606,593.54	%00000
KBC FINANCIAL	N _o	S S	\$7,450,480.02	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000%
LAZARD FRERES and CO.	N _o	<u>8</u>	\$4,324,001.50	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	%00000
LEGG MASON WOOD WALKER, INC.	Yes	٩ ۷	\$3,975,025.52	\$10,245,606,593.54	0.0388%	\$0.00	\$10,245,606,593.54	%00000
LEGG MASON WOOD WALKER, INC.	Yes	_S	\$4,709,687.50	\$10,245,606,593.54	0.0460%	\$0.00	\$10,245,606,593.54	%00000
LEHMAN BROS. INTL (EUROPE)-EQ DI	<u>8</u>	N _o	\$92,825.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
LEHMAN BROTHERS INC.	8	<u>%</u>	\$451,908,043.93	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%0000.0
LOOP CAPITAL MARKETS LLC	N _o	S _O	\$8,637,298.90	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
MCDONALD and COMPANY SECURITIES,	Yes	N _o	\$456,875,625.34	\$10,245,606,593.54	4.4592%	\$0.00	\$10,245,606,593.54	%00000
MERRILL LYNCH GOVT SECURITIES	Yes	No No	\$30,057,954.01	\$10,245,606,593.54	0.2934%	\$0.00	\$10,245,606,593.54	%00000
MERRILL LYNCH, PIERCE, FENNER an	Yes	8	\$25,903,151.04	\$10,245,606,593.54	0.2528%	\$0.00	\$10,245,606,593.54	%0000
MERRILL LYNCH, PIERCE, FENNER and	Yes	8	\$540,708,856.67	\$10,245,606,593.54	5.2775%	\$0.00	\$10,245,606,593.54	%0000
MESIROW CAPITAL INC	S S	ջ	\$2,726,785.06	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%0000
MILLER TABAK ROBERTS SECURITIES,	8 N	<u>%</u>	\$1,841,325.00	\$10,245,606,593.54	%000000	\$0.00	\$10,245,606,593.54	%00000

OP-F Fixed Income Broker / Dealer Report

					% of Total \$ \$ Amount	\$ Amount		
					Executed	Irades Executed with	£	% or lotal Trades
	Ohio-	Ohio- Qualified-	\$ Amount of Trades		through Ohio-	Ohio- Qualified		Excecuted through Ohio-
	Qualified	Minority	Executed with Ohio-	\$ Amount of Trades	Qualified	Minority	\$ Amount of Trades	Qualified
Broker/Dealer Retained by Public Fund	Broker / Dealer?	Broker / Dealer?	Qualified Broker / Dealers	Executed with All Broker / Dealers	Broker / Dealers	Broker / Dealers	Executed with All Broker/Dealers	Minority Broker / Dealers
MORGAN (J.P.)SECURITIES INC	8 8	N _o	\$97,647,263.23	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
MORGAN STANLEY and CO., INCORPOR	8 8	No No	\$1,012,736,584.51	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
NATIONSBANK MONTGOMERY SEC CORRE	2	8	\$2,432,465.18	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000
NESBITT BURNS SECURITIES	ջ	ę	\$471,832.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
NO BROKER OR BROKER UNKNOWN	S	2	\$1,274,158,771.23	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
PERSHING LLC	<u>%</u>	8	\$4,030,045.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000
PWI CMO ACCOUNT	_S	9	\$9,214,340.82	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000
R.W. PRESSPRICH and CO., INC.	_S	% N	\$780,062.50	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
RAYMOND, JAMES and ASSOC. INC.	Yes	_S	\$4,864,787.50	\$10,245,606,593.54	0.0475%	\$0.00	\$10,245,606,593.54	0.0000.0
RBC DAIN RAUSCHER INC.	Yes	8	\$3,169,033.05	\$10,245,606,593.54	0.0309%	\$0.00	\$10,245,606,593.54	0.0000.0
SALOMON BROTHERS	Yes	% 8	\$263,734,044.76	\$10,245,606,593.54	2.5741%	\$0.00	\$10,245,606,593.54	0.0000
SAMUEL A RAMIREZ AND COMPANY INC	8	No No	\$3,874,478.90	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
SCOTIA MCLEOD (USA) INC	% %	<u>8</u>	\$762,647.50	\$10,245,606,593.54	%0000.0	\$0.00	\$10,245,606,593.54	0.0000
SECURITIES TRADING	S S	<u>8</u>	\$745,084.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000%
SESLIA SECURITIES	8 8	<u>8</u>	\$60,774,000.01	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
SHEARSON LEHMAN SPECIAL SEC	8 8	8 8	\$62,625,875.88	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
SPEAR, LEADS and KELLOGG/GOVT S	8	8	\$2,678,127.54	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
STEPHENS INC	8	N _o	\$6,875,253.13	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
UBS SECURITIES, INC.	Yes	8	\$334,530,558.84	\$10,245,606,593.54	3.2651%	\$0.00	\$10,245,606,593.54	0.0000.0
UBS WARBURG LLC	Yes	8	\$556,419,637.30	\$10,245,606,593.54	5.4308%	\$0.00	\$10,245,606,593.54	0.0000%
UNDEFINED	<u>%</u>	N _o	\$2,950,500.00	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	0.0000.0
WACHOVIA	Yes	No No	\$492,386.55	\$10,245,606,593.54	0.0048%	\$0.00	\$10,245,606,593.54	0.0000.0
WACHOVIA SECURITIES, LLC.	Yes	N _o	\$1,791,178.13	\$10,245,606,593.54	0.0175%	\$0.00	\$10,245,606,593.54	0.0000.0
WEXFORD CLEARING SVCS CORP	<u>8</u>	<u>8</u>	\$3,529,350.01	\$10,245,606,593.54	0.0000%	\$0.00	\$10,245,606,593.54	%00000
Total	20	0	\$1,991,296,532.24	\$10,245,606,593.54	22.1987%	\$0.00	\$10,245,606,593.54	0.0000%

FERRIS BAKER No FIRST ALBANY CORP. No	URITIES	DEUTSCHE BANC ALEX. BROWN INC. No	DELITIONE BAND ALEX BROWN INC. NO.	FRADING L. L	COWEN and COMPANY Yes	CITIGROUP GLOBAL MARKETS INC. Yes	CIBC WORLD MARKETS CORP No	CHASE SECURITIES, INC. No	CHASE SECURITIES, INC. No	CANTOR FITZGERALD AND CO. No	BONY/COUNTRYWIDE SECURITIES CORP No	BONY/COUNTRYWIDE SEC CORP No	BNY CAPITAL MARKETS, INC No	BNP SECURITIES (U.S.A), INC. No	BNP PARIBAS SECURITIES CORP/BOND No	BNP PARIBAS SECURITIES BOND No	BNP PARIBAS BROKERAGE SECURITIES No	BLAYLOCK AND PARTNERS, L.P. No	BEAR, STEARNS SECURITIES CORP No	BEAR STEARNS and CO INC No	BBandT CAPITAL MARKETS Yes	BARCLAYS CAPITAL INC. FIXED INCO No	BARCLAYS CAPITAL INC. FIXED INCO No	BANKERS TRUST COMPANY/AMHERST SE No	BANK OF OKLAHOMA, N.A./INVESTMEN No	BANC/AMERICA SECUR LLC, MONTGOME No	AMHERST SECURITIES GROUP L.P. No	ADVEST No	ABN AMRO BOND TRADING/AASI (USA) No	Broker/Dealer Retained by Public Fund Dea	Bro	Qua	Ohio-				
N N	No i	Z 2	5 8	: <u>N</u>	No	No	No	No	No	No	No	No	No	No	No	N	N _O	No	No	No	No	No	No	No	No	No	No	No	No			ied		Ohio-			
40.40	40.4	40 4		. 40	40		40	40	40	40	"	"	' 0	"	"	"	"	"	"	"	"	"	60	"	"	"	"	"	40	Dealer?			fied-	Ŷ			
\$126,298,648.75 \$622,072.17	\$839,150.00	\$33,451,509.28	\$446,381.65 \$127 756 740 29	\$596,008.75	\$4,494,169.62	\$477,262.50	\$2,514,978.50	\$68,229,781.75	\$15,441,050.68	\$4,105,416.93	\$58,705,330.49	\$39,555,564.18	\$1,522,553.75	\$25,062.50	\$14,568.75	\$4,175,333.80	\$207,648.60	\$26,435,635.32	\$149,180,078.76	\$11,487,466.70	\$1,464,934.79	\$43,590,082.53	\$74,163,988.38	\$5,473,926.47	\$1,478,477.69	\$175,831,871.55	\$4,791,460.78	\$493,126.00	\$519,105.40	Dealers	Qualified Broker /	Executed with Ohio-	\$ Amount of Trades				
\$3,169,850,589.17 \$3,169,850,589.17	\$3,169,850,589.17	\$3.169.850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	Broker / Dealers	Executed with All	\$ Amount of Trades					
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.1418%	0.0151%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0462%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Dealers	Broker /	Qualified	Ohio-	through	Executed	Trades	% of Total :
\$ 0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Dealers	Broker /	Minority	Qualified	Ohio-	Executed with	Trades	% of Total \$ \$ Amount
\$3,169,850,589.17 \$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17 \$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	Broker/Dealers	Executed with All	\$ Amount of Trades			\$		
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	/ Dealers	Minority Broker	Qualified	through Ohio-	Excecuted	Trades	% of Total	

MERRICL LYNCH, FIERCE, FENNER and Yes		MERRILL LYNCH GOVT SECURITIES Yes	MCDONALD and COMPANY SECURITIES, Yes	LOOP CAPITAL MARKETS LLC No	LEHMAN BROTHERS INC. No	LEGG MASON WOOD WALKER, INC. Yes	LEGG MASON WOOD WALKER, INC. Yes	LAZARD FRERES and CO. No	KBC FINANCIAL No	JP MORGAN CHASE BANK/HSBCSI Yes	JESUP and LAMONT SECURITIES No	JEFFERIES and CO. No	INVESTMENT TECHNOLOGY GROUP INC. No	INSTINET	IMPERIAL CAPITAL LLC No	HSBC SECURITIES, INC No	HARRIS NESBITT CORP. BONDS No	GREENWICH CAPITAL No	GOLDMAN, SACHS and CO. No	GOLDMAN SACHS EXECUTION AND CLEA No	FTB/FIRST TENNESSEE SECURITIES C No	FRIEDMAN BILLINGS and RAMSEY No	FISERV SECURITIES No	FIRST UNION CAPITAL MARKETS Yes	FIRST UNION CAPITAL MARKETS Yes	FIRST TENNESSEE SECURITIES CORP No	FIRST TENNESSEE BANK, N.ABOND No	FIRST TENNESSEE BANK BOND DIVISI No	FIRST INTERSTATE BANK OF DENVER, No	FIRST CLEARING CORP No	FIRST BOSTON No	Broker/Dealer Retained by Public Fund Dealer?	Ouglified				
No.	S o	No.	N _o	N _o	No	No	No	N _O	8	8	No	N _O	8	N _O	N _o	N _O	N _o	N _O	No	N _O	N _O	N _o	N _O	N _o	N	8	Š	S	N _O	S	No		Minority	Onio-	:		
\$62,877,015.97	\$1,748,134.36	\$30,959,192.57	\$46,831,611.17	\$1,245,737.50	\$93,187,795.12	\$4,459,007.91	\$1,173,746.72	\$948,400.00	\$2,059,796.88	\$1,347,705.00	\$31,930.00	\$508,125.00	\$24,073.28	\$12,000.66	\$21,943.75	\$3,533,903.71	\$63,293.75	\$13,577,210.65	\$207,455,890.45	\$208,309.75	\$24,983.75	\$18,850.00	\$132,247,656.56	\$2,115,898.55	\$7,464,468.75	\$491,834.65	\$3,826,194.55	\$69,577,577.38	\$31,999,405.59	\$1,812,860.63	\$172,674,700.42	Qualified Broker / Dealers	Executed with Ohio-				
\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	Executed with All Broker / Dealers	\$ Amount of Trades				
1.9836%	0.0551%	0.9767%	1.4774%	0.0000%	0.0000%	0.1407%	0.0370%	0.0000%	0.0000%	0.0425%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0668%	0.2355%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Broker / Dealers	Qualified	through	Executed	Trades	% of Total
\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Broker / Dealers	Minority	Onio-	Executed with	Trades	% of Total \$ \$ Amount
\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	\$3,169,850,589.17	Executed with All Broker/Dealers	\$ Amount of Trades		=======================================		
0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	0.0000%	Minority Broker / Dealers	Qualified	through Ohio	irades	% of lotal	

0.0000%	\$3,169,850,589.17	\$0.00	14.8813%	\$3,169,850,589.17	\$349,869,446.58	0	8	Total
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$371,275.00	N _O	S	WEXFORD CLEARING SVCS CORP
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$92,170.20	_N	8	WEEDEN AND CO.
0.0000%	\$3,169,850,589.17	\$0.00	5.4372%	\$3,169,850,589.17	\$172,350,717.73	8 O	Yes	UBS WARBURG LLC
0.0000%	\$3,169,850,589.17	\$0.00	0.0072%	\$3,169,850,589.17	\$228,125.00	8	Yes	UBS SECURITIES, INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$69,200.00	N _O	8	THOMAS WEISEL PARTNERS, LLC
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$3,005,506.82	8	8	STEPHENS INC
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$28,233,679.29	No.	ĕ	SHEARSON LEHMAN SPECIAL SEC
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$46,187.50	No	ĕ	SECURITIES TRADING
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$1,047,500.00	No	N _O	SCOTIA MCLEOD (USA) INC
0.0000%	\$3,169,850,589.17	\$0.00	3.7633%	\$3,169,850,589.17	\$119,289,889.81	8 O	Yes	SALOMON BROTHERS
0.0000%	\$3,169,850,589.17	\$0.00	0.0977%	\$3,169,850,589.17	\$3,097,070.69	8 8	Yes	RBC DAIN RAUSCHER INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.3569%	\$3,169,850,589.17	\$11,312,753.96	No	Yes	RAYMOND, JAMES and ASSOC. INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$62,450.00	No.	S	R.W. PRESSPRICH and CO., INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$9,544,874.44	N _O	N _O	PWI CMO ACCOUNT
0.0000%	\$3,169,850,589.17	\$0.00	0.0008%	\$3,169,850,589.17	\$24,244.72	No	Yes	PRUDENTIAL EQUITY GROUP
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$85,015,488.01	N _O	8	PERSHING LLC
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$13,324,280.99	No	8	NOMURA SECURITIES INTL INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$189,515,011.50	ĕ	8	NO BROKER OR BROKER UNKNOWN
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$476,875.00	N _O	8	NESBITT BURNS SECURITIES
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$721,512.25	No	8	NATIONSBANK MONTGOMERY SEC CORRE
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$1,671,408.39	N _o	V	NATIONAL FINANCIAL SERVICES CORP
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$318,843.75	<mark>⊗</mark>	8	MORGAN STANLEY DW INC.
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$221,258,694.62	<mark>⊗</mark>	8	MORGAN STANLEY and CO., INCORPOR
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$78,953,234.33	V	8	MORGAN (J.P.)SECURITIES INC
0.0000%	\$3,169,850,589.17	\$0.00	0.0000%	\$3,169,850,589.17	\$1,031,506.25	8	8	MILLER TABAK ROBERTS SECURITIES,
/ Dealers	Broker/Dealers	Dealers	Dealers	Broker / Dealers	Dealers	Dealer?	Dealer?	Broker/Dealer Retained by Public Fund
Minority Broker	Executed with All	Broker /	Broker /	Executed with All	Qualified Broker /	Broker /	Broker /	
through Ohio-	\$ Amount of Trades	Qualified	Ohio-	S Amount of Trades	\$ Amount of Trades Executed with Ohio-	Qualified-	Onio-	
Excecuted		Ohio-	through			Ohio-		
Trades	\$	Executed with	Executed					
% of Total		Trades	Trades					
		% of Total \$ \$ Amount	% of Total					

OP&F INVESTMENT MANAGERS

(Public/Private Markets-- U.S. Equity/Int*VFixed Income/Real Estate/Private Equity)

6/30/2004

zzzzzzzzzzzzzzzzz	≾ zzzz	22	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Ves No No No	indication if Firm is An Ohio-Qualified investment Manager as of 6/30/04
888888888888888888888888888888888888888	Yes No	88		555 5%5	n If Firm -Qualified It Manager
\$122,049,999.98 \$189,710,756.25 \$72,420,957.29 \$57,980.057.29 \$57,980.0 \$18,213,619.00 \$12,507,435.00 \$2,120,264.70 \$8,115,433.00 \$14,825,931.00 \$16,381,907.96 \$10,588,036.00 \$20,685,881.00 \$21,445,460.00 \$47,646,978.01	\$600,687,418.45 \$370,209,800.78 \$365,973,952.46 \$388,271,475.03 \$185,400,580.29	\$600,697,418.45 \$4,181,762.00	\$429,130,924,71 \$641,329,135.81 \$251,147,184.16 \$464,172,990.95 \$277,743,669.81 \$1,633,650,728.14 \$393,652,979.41 \$386,131,133.23	\$564,939,710.84 \$574,363,236.88 \$280,093,990.68 \$206,014,060.84 \$184,966,902.40 \$186,772,952.90	Total Assets Under Management as of 6/30/04
	1.915%			5.932%	Ohio-Qualified Investment Mgmt Firms As % of Total OP&F Assets as of 6/30/04 \$9,681,931,078.33
	1.925%			5.964%	Investment Mgmt Firms As % of All Investment Managers Under Contract With OP&F as of 6/30/04 \$9,631,042,497.28
\$666,100.00 \$1,131,791.00 \$255,503.00 \$255,503.00 \$197,752.00 \$197,752.00 \$1464,738.00 \$159,018.00 \$375,000.00 \$375,000.00 \$375,001.00	\$127,976.28 \$1,367,037.19 \$315,988.14 \$424,185.00 \$1,312,513.70	\$810,484.50 \$0.00	\$757,407.93 \$2,291.171.01 \$1,065,721.00 \$1,165,806.01 \$71,065,065.01 \$74,011.61 \$328,474.72 \$1,165,615.98	\$906,237.02 \$249,439.27 \$115,110.34 \$833,624.00 \$764,230.29 \$808,497.40	Compensation Paid to All Managers Under Contract With OP&F 7/1/03 - 6/30/04
	\$1,312,513.70			\$249,439.27	Compensation Paid To All Ohio-Qualified Investment Managers 7/1/03 - 6/30/04
	5.226%			0.993%	Compensation Paid that is Paid to Ohio-Qualifed Investment Managers 7/1/03 • 6/30/04 \$25,113,145.46

Last	
Kevision	
C007/6/9	3

		l place of business in Ohio Ohio	Corporate Headquartersor principal place of business in Ohio Employs at least 500 individuals in Ohio	Investment Mangement Firm		
14.133%	\$3,549,220.47	\$25,113,145.46	8.496%	8.451%	\$9,831,042,497.28	
		\$128,998.00			\$3,304,540.00	-
		\$227.50			\$13,638,805.99	
		\$152,709.50			\$16,305,991.00	_
0.165%	\$41,415.50	\$41,415.50	0.018%	0.018%	\$1,714,856.00	Ų)
0.878%	\$220,530.00	\$220,530.00	0.050%	0.049%	\$4,782,574.00	(r)
0.193%	\$48,515.00	\$48,515.00	0.006%	0.006%	\$586,299.00	03
0.864%	\$216,905.50	\$216,905.50	0.042%	0.042%	\$4,031,808.00	99
0.398%	\$100,000.00	\$100,000.00	0.072%	0.072%	\$6,943,119.00	Ų)
		\$14,487.50			\$60,000,00	
		\$6,547.00			\$1,058,769,00	
0.532%	\$133,704.00	\$133.704.00	0.034%	0.034%	\$3,449,763,00	, ,
0.708%	\$177 737 50	\$177 737 50	0,400.0 %asn 0	0.036%	\$3.40.795.00	, ,,
0 000%	\$ 0.00	\$57,372,00	0.004%	0 004%	\$960,298.00	-
0.404/0	\$101,425.00	\$101,425.00	0.045%	0.045%	\$4,375,558.00	Ų,
0.4048	9	\$117,486.50	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		\$7,128,382.00	_
		\$111,818.00			\$2,858,414.00	_
		\$192,550.00			\$163,306.00	_
		\$237,088.00			\$7,942,153.00	_
		\$17,421.00			\$134,488.00	-
		\$68,049.00			\$536,430.00	-
		\$188,133.00			\$3,930,994.00	-
		\$42,625.00			\$489,794.00	-
		\$0.00			\$260,267.00	-
0.796%	\$200,025.00	\$200,025.00	0.068%	0.068%	\$6,563,472.00	
0.242%	\$60,811.00	\$60,811,00	0.069%	0.069%	\$6,642,677.00	
0.059%	\$14,789.50	\$14,789.50	0.051%	0.051%	\$4,925,226.00	0,
0.945%	\$237,276.50	\$237,276.50	0.037%	0.037%	\$3,563,716.00	4,
0.782%	\$196,426.00	\$196,426.00	0.028%	0.028%	\$2,733,986.00	0,
0.413%	\$103,751.50	\$103,751.50	0.022%	0.021%	\$2,080,916.00	ψ,
0.000%	\$0.00	\$0.00	0.005%	0.005%	\$523,717.00	٧,
0.424%	\$106,590.50	\$106,590.50	0.017%	0.017%	\$1,601,732.00	٧,
0.109%	\$27,365.00	\$27,365.00	0.002%	0.002%	\$239,970.00	
		\$170,000.00			\$2,122,563.00	
		\$255,000.00			\$18,001,843.01	
		\$64,740.50			\$525,000.00	
		\$218,748.50			\$2,034,928.00	
		\$49,258.00			\$15,676,489.00	
		\$101,435.00			\$28,852,009.29	
		\$31,334.00			\$7,844,944.68	
		\$14,052.00			\$3,308,014,90	

² Employs at least 500 individuals in Ohio 3 Has a principal place of business in Ohio and employs at least 20 residents of the State

OP&F INVESTMENT MANAGERS

(Public/Private Markets-- U.S. Equity/int'l/Fixed Income/Real Estate/Private Equity)

3/31/2005

888888888888888888888888888888888888888	ĭ o o o o o o o o o o o o o o o o o o o	No	388888	Z Z Z	No Yes No	Indication If Firm is An Ohio-Qualified Investment Manager as of 3/31/05
\$219,609,824.00 \$200,800,500.00 \$11,256,612.00 \$12,183,342.01 \$4,429,447.00 \$17,161,841.03 \$3,779,252.83 \$804,679.92 \$15,346,206.76 \$10,420,890.00 \$3,944,850.00 \$1,316,710,130.23	\$653,457,741.56 \$381,502,868.52 \$415,436,407.05 \$386,766,253.05 \$231,546,428.87	\$67,677,758.36	\$693,455,240.39 \$280,447,052.81 \$505,143,676.08 \$315,019,005.26 \$2,160,648,753.72 \$411,111,381.35 \$349,842,452.66	\$184,480,103,16 \$181,947,141,14 \$157,604,906,50	\$588,770,914.19 \$597,000,876.17 \$296,803,109.44	Total Assets Under Management as of 3/31/05
	2.370%				6.111%	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of Total OP&F Assets as of 3/31/05 \$9,768,907,733.16
	2.391%				6.164%	Assets Managed by Ohio-Qualified Investment Mgmt Firms As % of All Investment Managers Under Contract With OP&F as of 3/31/05 as of 3/31/05 \$9,685,394,829.29
\$1,001,827.49 \$980,017.00 \$175,014.00 \$99,921.00 \$202,500.00 \$49,784.00 \$172,233.00 \$172,233.00 \$0.00 \$225,000.00 \$225,000.00 \$280,480.00 \$133,134.00 \$131,483.00	\$113,935.82 \$1,164,229.92 \$1,503,768.23 \$847,745.00 \$1,120,165.08	\$267,906.81	\$1,097,278.72 \$783,141.00 \$1,185,117.92 \$1,031,271.66 \$0.00 \$3,819,696.47 \$894,581.41	\$605,630.00 \$557,453.30 \$608,864.89	\$732,348.89 \$739,925.14 \$364,206.22	Compensation Paid to All Managers Under Contract With OP&F 7/1/04 - 3/31/05
	\$1,120,165.08				\$739,925.14	Compensation Paid To All Ohio-Qualified Investment Managers 7/1/04 - 3/31/05
	4.581%				3.026%	% of Total Compensation Paid that is Paid to Ohio-Qualifed Investment Managers 7/1/04 - 3/31/05 \$24,455,081.97

	888	8	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	N _o	N o	No	N _o	N _o	N _o	No	N _o	N _o	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N _o	N _o	ŏ	N _o	Ž	8 8	8	N _O
\$9,685,394,829.29	\$4,150,771.00 \$16,391,998.14 \$5,918,153.80	\$17,803,108.02	\$2735,573,00	\$627,185.00	\$4,214,844.00	\$500,000.00	\$7,850,513.00	\$144,916.00	\$4,484,669.00	\$3,822,971.00	\$356,438.00	\$750,000.00	\$8,036,825.00	\$8,866,829,00	\$11,065,837.00	\$1,119,123.00	\$11,047,610.00	\$297,831.00	\$1,429,402.00	\$8,041,379.36	\$772,174.99	\$17,604.00	\$8,723,951.00	\$6,285,109.00	\$7,500,000.00	\$5,245,759.00	\$2,471,786.00	\$1,866,667.00	\$304,882.00	\$1,672,000.00	\$219,214.00	\$3,706,498.00	\$19,976,669.01	\$764,291.00	\$4,135,198.00	15,036,323.66	26,668,707.36	6,108,149.26	2,232,341.61
9.212%		0.0000	0.045%	0.006%	0.043%	0.005%	0.080%		0.046%	0.039%	0.004%	:	0.082%										0.089%	0.064%	0.077%	0.054%	0.025%	0.019%	0.003%	0.017%	0.002%								
9.291%		6.656	0.046%	0.006%	0.044%	0.005%	0.081%		0.046%	0.039%	0.004%		0.083%										0.090%	0.065%	0.077%	0.054%	0.026%	0.019%	0.003%	0.017%	0.002%								
\$24,455,081.97	\$37,500,00 \$170,625.00 \$97,500.00	\$119,850.00	\$160,709.25	\$936.00	\$156,746.25	\$17,500.00	\$75,000.00	\$21.731.25	\$105.704.25	\$150.410.25	\$0.00	\$35.686.50	\$47.559.50	\$74.084.75	\$70 833 75	\$138.825.00	\$243.632.25	\$26.131.50	\$102.073.50	\$141 067 50	\$31.968.75	\$0.00	\$150,052.50	\$43,536.75	\$14,036.25	\$168,414.75	\$126,562.50	\$73,578.00	\$0.00	\$64,500.00	\$7,912.50	\$127,500.00	\$194,250.00	\$97,110.75	\$187,500.00	\$29,344.00	\$72,938.00	\$19,259.00	\$7,437.00
\$3,253,003.72		\$29,754.75	\$160,709.25	\$936.00	\$156,746.25	\$17,500.00	\$75,000.00	4100100	\$105 704 25	\$150,410.25	\$0.00		\$47.559.50										\$ 150,052.50	\$43,536.75	\$14,036.25	\$168,414.75	\$126,562.50	\$73,578,00	\$0.00	\$64,500.00	\$7,912,50								
13.302%		0.122%	0.657%	0.004%	0.641%	0.072%	0.307%	0,100,0	0.432%	0.615%	0 000%		0.194%										0.614%	0.178%	0.057%	0.689%	0.518%	0.301%	0.000%	0.264%	0.032%								

Investment Mangement Firm

1 Corporate Headquartersor principal place of business in Ohio 2 Employs at least 500 individuals in Ohio 3 Has a principal place of business in Ohio and employs at least 20 residents of the State



East Town Street / Columbus, Ohio 43215-5164 / Tel. (614) 228-2975 / www.op-f.org

il 3, 2005

t C. Cambern Iorgan Investment Advisors . Box 710211 umbus, OH 43271-0211

r Bret:

esponse to legislation (SB133) passed last year by the Ohio Legislature, our Board of Trustees established a cy to increase its utilization of Ohio-qualified agents (brokers) for the execution of domestic equity and lestic fixed income trades when an Ohio-qualified agent offers quality, services, and safety comparable to ragents available to the board. I have enclosed a copy of this policy. Pursuant to that policy, I am writing neourage your firm, subject to best execution, to make a best effort to increase its use of Ohio-qualified its for the execution of trades in our account. In addition, since many of these brokers will be contacting or us about how they can do business with you, I ask that you provide us with a point of contact for such niries.

legislation also details the minimum criteria to qualify as an Ohio qualified agent. The five Ohio public sion systems have developed a process whereby agents can certify that they meet these requirements. The ems maintain a common Ohio-qualified agent listing. I have enclosed the initial list for your reference. I list will be revised on an ongoing basis and agents will be recertified annually. Our policy, the agent ification form, and a link to the most up to date listing of qualified agents can be found at our web site, w.op-f.org, within the "Ohio-Qualified Broker and Manager Information" section. I suggest that this listing hecked at least monthly to capture any additions or deletions.

uld you have any questions or comments concerning this matter, please call me at 614-628-8414.

erely,

odore G. Hall ef Investment Officer

Ohio Retirement Systems Ohio-Qualified Agent Listing

A.G. Edwards & Sons

Baird, Robert

Baker & Company, Inc.

BB& T CAPITAL MARKETS

Boston Institutional Services (Bisys)

Cabrera Capital Markets Inc.

Citigroup

Fairway

Fifth Third Securities

FTN Midwest Securities Corp

Great Lakes Capital Partners, Ltd.

Huntington Capital Corp.

Legg Mason Wood Walker

Lincoln Financial Advisors

LYNCH JONES AND RYAN INC

Mantor Watson

McDonald & Company Sec. Inc

Merrill Lynch

National City Investments

Oberlin/Voyager Institutional Services LLC

Pacific American

Raymond James & Associates

RBC Dain Rauscher

Regis Securities Corporation

SBK Brooks Investment Corp.

Seasongood & Mayer

Stifel, Nicholaus & Co. Inc.

U.S. Brokerage Inc.

UBS Warburg

Wachovia

Waddell & Reed

Last Updated 3/24/2005

Ohio-Qualified Broker Policy

Adopted 9/29/04

In accordance with Ohio Revised Code Sections 742.11 and 742.114, it is a goal of the Ohio Police and Fire Pension Fund (OP&F) to increase its utilization of Ohio-qualified agents (brokers) for the execution of domestic equity and domestic fixed income trades when an Ohio-qualified agent offers quality, services, and safety comparable to other agents available to the board. Nothing in this policy, however, shall require OP&F or its investment managers to utilize Ohio-qualified agents for the execution of domestic equity and domestic fixed income trades if the use of such agent is not consistent with the fiduciary duties outlined in ORC Sections 742.11 and 742.114, including cases in which an agent does not otherwise meet OP&F's criteria.

An Ohio-qualified agent is defined as a dealer, as defined in 1701.01 of the Ohio Revised Code, who is licensed under sections 1707.02 to 1707.45 of the Ohio Revised Code or under comparable laws of another State or of the United States, who is subject to taxation under Chapter 5725, 5733, or 5747 of the Ohio Revised Code, authorized to conduct business in Ohio, maintains a principal place of business in Ohio and employs at least five Ohio residents. 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.

OP&F shall maintain a list of Ohio-qualified agents, which will be regularly updated. This list will be open to all agents who meet the said requirements. OP&F will provide its domestic equity and domestic fixed income investment managers with a copy of this policy and a list of Ohio-qualified agents and will encourage its investment managers to increase their use of Ohio-qualified agents subject to best execution. Best execution is defined as the trading process managers apply that seeks to maximize the value of a client's portfolio within the client's stated investment objectives and constraints. In seeking to achieve best execution, a manager should consider not only the best price, but also the full range and quality of a broker's services including execution capabilities, commission rate, the value of research provided, financial responsibility and responsiveness.

OP&F shall verify that its domestic equity and domestic fixed income investment managers utilize the following, or substantially similar, criteria to select agents to execute securities transactions on behalf its clients including OP&F:

- 1. Commissions charged by the agent, both in the aggregate and on a per share basis;
- 2. The execution speed and trade settlement capabilities of the agent;
- 3. The responsiveness, reliability, and integrity of the agent;
- 4. The nature and value of research provided by the agent;
- 5. Any special capabilities of the agent.

At least annually, OP&F shall submit to the Ohio Retirement Study Council (ORSC) a report containing the following information:

1. The name of each agent designated as an Ohio-qualified agent under this section;

- 2. The name of each agent that executes securities transactions on behalf of the board;
- 3. The amount of equity and fixed-income trades that are executed by Ohio-qualified agents, expressed as a percentage of all equity and fixed-income trades that are executed by agents on behalf of the board;
- 4. The compensation paid to Ohio-qualified agents, expressed as a percentage of total compensation paid to all agents that execute securities transactions on behalf of the board;
- 5. The amount of equity and fixed-income trades that are executed by agents that are minority business enterprises, expressed as a percentage of all equity and fixed-income trades that are executed by agents on behalf of the board;
- 6. Any other information requested by the ORSC regarding the board's use of agents.