

SB 133 Update

Ohio Retirement Study Council

June 8, 2005

Ohio Public Employees Retirement System 277 East Town Street Columbus, Ohio 43215

OPERS Ohio Public Employees Retirement System

277 East Town Street Columbus, Ohio 43215-4642 1-800-222-PERS (7377) www.opers.org

June 8, 2005

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

Dear Rep. Schneider and Sen. Wachtmann:

In response to your request dated April 27, 2005, OPERS has prepared the following materials regarding Substitute Senate Bill 133 and its goal to increase the use of Ohioqualified agents and investment managers.

The enclosed documents represent the efforts taken by OPERS individually and by the Ohio retirement systems collaboratively over the past year to implement a qualification process and a program to increase the use of Ohio-qualified agents and investment managers. In addition, OPERS has enclosed preliminary results through March 30, 2005. OPERS, along with the other systems, will prepare final results through June 30, 2005, which will be presented at the September 2005 meeting of the Ohio Retirement Study Council.

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

Sincerely,

Jaurie Hacking

Executive Director

Cc: Members of the Ohio Retirement Study Council

Aristotle Hutras, Director, Ohio Retirement Study Council

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Executive Summary

SB 133 was passed May 25, 2005. Beginning July 7, the five Ohio pension systems held a series of group meetings with representatives of all five systems attending to address SB 133 specific to investments. In addition to the larger group meetings, subgroups were formed and assigned specific aspects of the legislation. The primary purpose of the collective meetings was to collaboratively agree among the systems on how the work required by SB 133 relating to investment vendors, brokers and managers would be accomplished and to develop standard processes and communication tools to implement SB133. The group also focused on standardizing formats for subsequent ORSC reporting. The CIO's of the systems met independent of the larger groups and the subgroups to review the work as it was being done.

Following is a summary of the SB 133 investment related requirements accomplished to date:

July 13, 2004 Open Ohio Pension Funds hosted a meeting for minority owned

and Ohio investment managers. Each of the Ohio pension funds reviewed the structure of their investment portfolio and their manager selection process. Approximately 100 people

attended this meeting representing 79 different firms.

October 2004 OPERS Investment Staff were fingerprinted in accordance with

SB 133. The Investment Saff began communicating with vendors (anyone who contacts them either email, VMX, or in person about a possible investment relationship) the need to go

to the OPERS website and review the instructions for

contacting JLEC prior to having business discussions with any of the Ohio pension plans. OPERS posted a document titled "How to Do Business With Us" on their respective websites.

October 18, 2004 Notice-New Reporting and Registration Requirements Under

Ohio Law document posted to the OPERS website. The document is posted under the Government as well as the Investment sections of the website as "How To Do Business"

With Us".

November 15, 2004 Contact list developed for all OPERS' investment vendors,

brokers and investment managers and approximately 200 Notices of New Reporting & Registration Requirements Under Ohio Law mailed. No response was required to this mailing.

Onlo Law maned. No response was required to this maning.

December 2004 Goode, Ohio-Qualified Minority investment manager,

selected to manage stable value assets.

January 3, 2005 (Broker Notification for all five systems – handled by OPERS) 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 firms. 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 reque4sted by February 15, 2005. Responses from the brokers were the basis for developing and maintaining the broker databases now posted to the OPERS website for all five systems to access.

January 11 and 13, 2005

OPERS provided SERS data on OPERS' current investment managers. SERS distributed a cover letter, Notice of New Reporting & Registration Requirements, and the Ohio-Qualified Manager Certification Form. 300 total letters were mailed, with 50 of those to OPERS investment managers. This mailing became the basis for the listing of investment managers maintained on the SERS website.

February 2005

J. P. Morgan, Ohio-Qualified investment manager, selected to manage \$20 million U.S. equity enhanced index assets.

March 10, 2005

Ohio Bankers League meeting hosted by OPERS.

May 2005

Securities Lending Agent commitment made to Key Bank. Contract currently being negotiated.

May 2005

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

June 2005

Piedmont, a Minority Emerging Manager, selected to manage U.S. equity enhanced index assets.

July 2004 to May 2005

Ads and postings published in investment publications.

Policy Document

OPERS Approval Procedures for Domestic Equity and Fixed Income Broker Dealers policy updated and posted to OPERS website as of April 2005.

Meetings with Managers or Broker/Agents

A list of meetings held with investment managers and brokers that OPERS is not currently doing business with is attached.

Preliminary Results

OPERS has prepared preliminary results for the 12-month period ended June 30, 2004, and the nine-month period ended March 31, 2005. Preliminary results for OPERS indicate the following:

- Domestic Equities: Increase in trade dollars to Ohio-qualified agents of 15% and a decrease in commissions paid to those brokers of 2.5%.
- Domestic Fixed Income: Decrease in total trade dollars to Ohio-qualified agents. (Commissions are not applicable to fixed income securities.)
- OPERS Ohio-qualified manager use has increased by approximately 1% relative to total plan assets; increased by 1% relative to assets managed externally; and fees paid to Ohioqualified managers have increased by 2%.

Next Steps

- > Maintain databases, noting Ohio-qualified
- > Respond to all email and telephone inquiries from brokers relating to certification process
- > Refine broker and investment manager reporting for ORSC.
- > Prepare one-year progress report in September
- Repeat process in 2006
- > Address any additional ORSC requirements.

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;
- 2. Adopt a policy to establish criteria and procedures used to select agents to execute securities transactions;
- 3. Designate an agent as an Ohio-qualified agent if the agent meets certain criteria; and,
- 4. Make certain reports to the Ohio Retirement Study Council concerning Ohio-qualified agents and minority business enterprises.

Each retirement system's policy may be viewed on 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

11.

i.	F	irm	Ini	or	mat	ion
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Fir	m n	ame:
		address:
		tate and Zip Code:
		ct person's name:
		one number:
Fa	x nu	mber:
		address:
		Information
A.	Ма	rk all of the information below which apply to your firm.
	a	Subject to taxation under R.C. Chapter 5725 (financial institutions and insurance companies), 5733 (corporation franchise tax), or 5747 (income tax).
	۵	Is authorized to conduct business in Ohio.
	Q	Maintains a principal place of business in Ohio and employees at least five Ohio residents.
	۵	Is a licensed dealer under Ohio securities laws or comparable laws of another state or the U.S.
	۵	Meets the criteria of a minority business enterprise as defined above.
В.	l ce	ertify that the firm is (mark all which apply):
		An Ohio-qualified agent;

A minority business enterprise.

Ш.	Affidavit	
Sta	te of	
Cou	unty of	
Beiı	ng duly sworn, I, the undersigned, state that:	
2.3.4.	I have read and completed the above Certification or I am authorized to execute this Certification or I certify the information provided in this Certification knowledge and belief; I certify that if any information in this Certification Certification; and, I understand that completion and submission or retirement system to enter into any contract with	n behalf of the firm; cation is complete and true to the best of my ion changes, the firm will submit a new of this Certification does not obligate any Ohio
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Nota	ary Public	
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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:

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

Each retirement system's policy may be viewed on 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

1.	Firm Information					
	Firm name:					
	Street address:					
City, State and Zip Code:						
	Contact person's name:					
	Telephone number:					
	Fax number:					
	E-mail address:					
11.	Manager Information					
	A. Mark 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). 					
	Maintains its corporate headquarters or principal place of business in Ohio.					
	□ Employs at least 500 individuals in Ohio.					
	Maintains a principal place of business in Ohio and employs at least 20 Ohio residents.					
	Meets the criteria of a minority business enterprise as defined above.					

	B. I certify that the	ne firm is (ma	ark all which	ch apply):					
	□ An Ohio-	qualified inv	estment m	anager;					
	A minorit	A minority business enterprise.							
III.	Product Informa	tion							
	Firm Product	S	Years of	Track Recor	d	Assets und	er Management		
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IV.	Affidavit								
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	duly sworn, I, the u								
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Notary	Public								
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OPERS

Ohio Public Employees Retirement System

helping you achieve a secure future

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About OPERS

Membership

Contact Information

Retirement Board

Investments

Traditional Pension Plan
Member-Directed Plan
Combined Plan

Finance

Careers

Government Relations

Legal

Corporate Governance

Investments

OPERS investment professionals manage the investment of member and employer contributions for those participating in the Traditional Pension Plan. Members participating in the Member-Directed Plan direct the investment of their member and employer contributions into professionally-managed OPERS Investment Options. For those in the Combined Plan, OPERS investment professionals manage the investment of their employer contributions and the members direct the investment of their member contributions into professionally-managed OPERS Investment Options.

To find out more information on these investments follow the links below.

Traditional Pension Plan

Investments managed by OPERS staff to fund Retirement Benefits

Member-Directed Plan

Investment options selected by members for their individual account

Combined Plan

A combination of both Traditional and member Directed Plans

How to Do Business with OPERS Investments

Senate Bill 133, effective September 15, 2004, impacts persons/entities doing business with OPERS.

- New Reporting and Registration Requirements Under Ohio Law
 Office of the Inspector General's newsletter regarding Senate Bill 133
 - orale Governance

Ohio-Qualified Materials

Member Retiree Employers Search Site

05

Forms & FAQs

Ouick Links

Contact Information
Membership FAQs
Retirement Board Meeting
Dates
HCPP Information

OPERS News

OPERS Terminates Capital Guardian Trust Company OPERS Members and Retirees will Elect Three Retirement Board Representatives this Fall

OPERS Real Estate Program Announces \$705 Million In New

Vendor Opportunities

- Ohio-Qualified Agent Listing last updated (5/13/05)
- Ohio-Qualified Manager Listing

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- Ohio Retirement Systems Ohio-Qualified Agent Certification 🖪
- Ohio Retirement Systems Ohio-Qualified Manager Certification

Investments Materials for Brokers

Broker Approval Document 📆

Click here to review current vendor opportunities.

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Commitments

OPERS' Investment Director Loses Battle with Cancer OPERS Names New Assistant Investment Officer

OPERS Hires Second Stable Value Fund Manager OPERS Private Equity Program Totals \$730 Million in New Commitments During 2004

[more]

Ohio Retirement Systems Ohio-Qualified Agent Listing

	Ohio-Qualified		Ohio-M	linority
Brokerage Firm	Yes	No	Yes	No
A.G. Edwards & Sons	 v			v
Baird, Robert	□ ☑	ō		I
Baker & Company, Inc.	7	Ī	Ä	Į.
BB& T CAPITAL MARKETS	v			☑
Boston Institutional Services (Bisys)	v			3
Cabrera Capital Markets Inc.	_ _		<u> </u>	
Citigroup				
Fairway				o O O
Fifth Third Securities	\overline{\cute{V}}			
FTN Midwest Securities Corp	Image: section of the content of the			☑
Great Lakes Capital Partners, Ltd.				⊘
Harvest Capital Investments, LLC				
Huntington Capital Corp.			<u> </u>	
JP MorganChase				
Legg Mason Wood Walker				2
Lincoln Financial Advisors	7			Image: section of the content of the
LYNCH JONES AND RYAN INC	<u> </u>			⊘
Mantor Watson	<u> </u>			Image: section of the content of the
McDonald & Company Sec. Inc	<u> </u>			Image: section of the content of the
Merrill Lynch	7			Image: section of the content of the
National City Investments	<u> </u>			Image: section of the content of the
Oberlin/Voyager Institutional Services LLC	☑			Image: section of the content of the
Pacific American	<u> </u>			Image: section of the content of the
Prudential	∀		Image: section of the content of the	
Raymond James & Associates	☑			Q
RBC Dain Rauscher	☑			Image: section of the content of the
Regis Securities Corporation				Image: section of the content of the
SBK Brooks Investment Corp.	☑			Image: section of the
Seasongood & Mayer	⊘		Image: Control of the	
SG Cowen & Co.				Image: section of the content of the
Stifel, Nicholaus & Co. Inc.	Image: section of the content of the			☑ □
U.S. Brokerage Inc.				<u> </u>
UBS Warburg	2			<u> </u>
Wachovia	Image: section of the content of the			Image: section of the content of the
Waddell & Reed	Image: section of the content of the			<u> </u>
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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/aboutOPERS/investments/OhioQualifiedAgentCert_010305.pdf#zoom=100

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
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 offers quality, services, and safety comparable to other agents otherwise available to
 the systems and meets certain criteria;
- 2. Adopt a policy to establish criteria and procedures used to select agents to execute securities transactions;
- 3. Designate an agent as an Ohio-qualified agent if the agent meets certain criteria; and,
- 4. Make certain reports to the Ohio Retirement Study Council concerning Ohio-qualified agents and minority business enterprises.

Each retirement system's policy may be viewed on 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,
- 4. Is a licensed dealer under Ohio securities laws or comparable laws of another state or the U.S.
- "Principal place of business" means an office in which the agent regularly provides securities or investment advisory services and solicits, meets with, or otherwise communicates with clients.
- "Dealer" means every person, other than a salesperson, who engages or professes to engage, in Ohio, for either all or part of the person's time, directly or indirectly, either in the business of the sale of securities for the person's own account, or in the business of the purchase or sale of securities for the account of others in the reasonable expectation of receiving a commission, fee, or other remuneration as a result of engaging in the purchase and sale of securities. "Dealer" does not mean any of the following:
- (a) Any issuer, including any officer, director, employee, or trustee of, or member or manager of, or partner in, or any general partner of, any issuer, that sells, offers for sale, or does any act in furtherance of the sale of a security that represents an economic interest in that issuer, provided no commission, fee, or other similar remuneration is paid to or received by the issuer for the sale;

- (b) Any licensed attorney, public accountant, or firm of such attorneys or accountants, whose activities are incidental to the practice of the attorney's, accountant's, or firm's profession;
- (c) Any person that, for the account of others, engages in the purchase or sale of securities that are issued and outstanding before such purchase and sale, if a majority or more of the equity interest of an issuer is sold in that transaction, and if, in the case of a corporation, the securities sold in that transaction represent a majority or more of the voting power of the corporation in the election of directors;
- (d) Any person that brings an issuer together with a potential investor and whose compensation is not directly or indirectly based on the sale of any securities by the issuer to the investor;
- (e) Any bank;
- (f) Any person that the division of securities by rule exempts as a dealer.

Ohio securities licensing laws may be found in R.C. Sections 1701.01 through 1701.45.

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

- 1. Is a United States citizen
- 2. Owns and controls a business, a partnership, corporation, or joint venture of any kind that is owned and controlled by United States citizens, 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: Christina 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

J. Firm	Information
---------	-------------

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.

II. Affidavit
State of
Being duly sworn, I, the undersigned, state that:
 I have read and completed the above Certification; I am authorized to execute this Certification on behalf of the firm; I certify the information provided in this Certification is complete and true to the best of my knowledge and belief; I certify that if any information in this Certification changes, the firm will submit a new Certification; and, 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: Bignature
Printed Name
Fitte
Sworn and subscribed before me thisday 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:

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

Each retirement system's policy may be viewed on 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.

Version 2.0, 01/2005 Page 1 of 3

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.	Firm I	nformation					
	Firm n	ame:					
	Street	address:					
	City, State and Zip Code:						
	Contact person's name:						
		one number:					
	Fax nu	mber:					
		address:					
II.		Manager Information					
	A. Ma	rk all of the items below which apply to your firm.					
	۵	Subject to taxation under R.C. Chapter 5725 (financial institutions and insurance companies), 5733 (corporation franchise tax), or 5747 (income tax).					
		Maintains its corporate headquarters or principal place of business in Ohio.					
		Employs at least 500 individuals in Ohio.					
	۵	Maintains a principal place of business in Ohio and employs at least 20 Ohio residents.					
	o.	Meets the criteria of a minority business enterprise as defined above.					

	B.	I certify that the firm i	s (mark all wh	nich apply):			
		□ An Ohio-qualified	d investment i	manager;			
		□ A minority busine	ess enterprise).			
III.	Pro	duct Information					
		Firm Products	Years o	f Track Record		Assets unde	r Management
							
							
IV.	Affi	davit					
State o	of						
		sworn, I, the undersign					
2. 1 a 3. 1 d kn 4. 1 d	am au certify nowle	read and completed the other than the information produced and belief; that if any information that if any information	nis Certification provided in thi	on on behalf of is Certification	is complete a		
5. Iu	ınder	stand that completion ent system to enter in	and submiss to any contra	ion of this Cert ct with the firm	ification does	s not obligate	any Ohio
By: Signati	ure				-·		
Printed	i Nan	ne					
		subscribed before me					
Notary	Publ	ic					
		sion expires					

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.



Ohio Public Employees Retirement System

277 East Town Street Columbus, Ohio 43215-4642 1-800-222-7377 www.opers.org

Notice-New Reporting and Registration Requirements Under Ohio Law

Senate Bill 133, effective September 15, 2004, makes several changes to the Ohio Revised Code relative to the operation of the Ohio public pension plans. Specific changes can be found in Chapters 101, 102, 145, 742, 3307, 3309 and 5505 of the Ohio Revised Code.

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

Joint Legislative Ethics Committee 50 West Broad Street, Suite 1308 Columbus. Ohio 43215

www.jlec-olig.state.oh.us 614-728-5100

Ohio Ethics Commission 8 East Long Street, 10th Floor Columbus, Ohio 43215 www.ethics.ohio.gov 614-466-7090

Ohio Secretary of State 30 East Broad Street, 14th Floor Columbus, Ohio 43266 www.state.oh.us/sos/ 614-466-4980

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



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

January 2005

May 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.

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.

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 Retirement Systems Ohio-Qualified Agent Listing

	Ohio-(Qualified	Ohio-Mine	rity
Brokerage Firm	Yes	No	Yes	No
A.G. Edwards & Sons	v			v
Baird, Robert	Ū	- 6	i i	
Baker & Company, Inc.	<u> </u>	- E		
BB& T CAPITAL MARKETS	<u> </u>	a File		3
Boston Institutional Services (Bisys)	<u> </u>	i i		<u> </u>
Cabrera Capital Markets Inc.	Ø.			
Citigroup				
Fairway				
Fifth Third Securities				
FTN Midwest Securities Corp				
Great Lakes Capital Partners, Ltd.	_			Image: section of the content of the
Harvest Capital Investments, LLC	Ø.			
Huntington Capital Corp.				
JP MorganChase		ilia		
Legg Mason Wood Walker	Q			
Lincoln Financial Advisors	☑			
LYNCH JONES AND RYAN INC	☑	=		
Mantor Watson	⊙			
McDonald & Company Sec. Inc		H		
Merrill Lynch	2			
National City Investments	☑			
Oberlin/Voyager Institutional Services LLC		H		
Pacific American		H		<u> </u>
Prudential	<u> </u>			
Raymond James & Associates				
RBC Dain Rauscher		_		
Regis Securities Corporation				<u> </u>
SBK Brooks Investment Corp.	Ø.			
Seasongood & Mayer	7			
SG Cowen & Co.				Image: Control of the
Stifel, Nicholaus & Co. Inc.	7			<u> </u>
U.S. Brokerage Inc.	<u> </u>			<u> </u>
UBS Warburg				Image: section of the content of the
Wachovia				☑
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/aboutOPERS/investments/OhioQualifiedAgentCert_010305.pdf#zoom=100

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

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, 2005 meeting With Ohio Bankers League

Ohio Bankers League Mike Adelman Jeff Quayle

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 5/3 Craig Bardo Curtis Speers Tom Ruebel Retirement Systems Manager / Broker Investment 0,40

O'Keefe Center July 13, 2004

Forum

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

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

Email		Kittyspraggins@aol.com	dedwards@alphapartnersllc.com		nnk@apexcm.com	led@apexcm.com	mhobson@arielcapital.com	ismith(@anelcapital.com	dbowen(@ascendventures.com	elderkin <i>(Q</i> lathenianyp.com	rbrown@atlantalife.com	kholley@atlantalife.com	mmccormick@bahl-gaynor.com	orvell johns@bankone.com	pdavis@bannekercapital.com	hjackson@bannekercapital.com	mdavis@boegroup.com		hliorbert@verizon.net	SBaldwin@CMGFunds.com	Kweaver@CMGFunds.com	grmateyo@ccamc.com
WorkPhone		404-869-2950 <u>k</u>		313-963-4911							404-654-8800	404-232-8802	513-287-6132		443-394-9435	443-394-3498	215-568-5500		202-496-9250	312-578-0470	312-578-0470	216-367-4101
Postal	44133	30305	48226	48226	45429	45429	60601	60601	10036	45701	30303	30303	45202	43271	21117	21117	19102	44114	20036	90909	90909	44115
State	동	GA	Σ	≅	동	HO H	=	_	ž	F	δ	Ø,	용	Ю	Q Q	Q	PA		DC	긛	=	동
Clty	North Rovalton	Atlanta	Detroit	Detroit	Dayton	Dayton	Chicago	Chicago	New York	Athens	Atlanta	Atlanta	Cincinnati	Columbus	Owings Mills	Owings Mills	Philadelphi a	Cleveland	Washington	Chicago	Chicago	Cleveland
Address	3757 Edgerton Road	2500 Peachtree Road,	600 West Lafayette Boulevard, Suite 108	600 West Lafayette	5335 Far Hills Avenue, Suite 314	5335 Far Hills Avenue, Suite 314	200 East Randolph Drive, Sulte 2900	200 East Randolph Drive, Suite 2900	1500 Broadway, 14 th Floor	20 East Circle Dirve #37146 Suite 229	Herndon Plaza 100 Auburn Avenue, N F	Hemdon Plaza 100 Auburn Avenue, N F	212 East Third Street,	Mail Code OH1-0170 P.O. Box 710170	10461 Mill Run Circle, Suite 850	10461 Mill Run Circle, Suite 850	2 Penn Center Plaza 1500 JFK Boulevard, Sulte 430	1801 East 9" Street, Suite 1400	1001 Connecticut Avenue, NW, Suite 705	123 North Wacker Drive, Suite 810	123 North Wacker Drive, Sulte 810	1100 The Halle Building
Company	ancial	AIC	Alpha Partners, LLC	Alpha Partners, LLC	Apex Capital	Apex Capital Management	Ariel Capital Management, LLC		Ascend Venture Group, LLC	Athenian Venture	Advisors	AtlantaLife Investment Advisors	Bahi & Gaynor	Bank One	Banneker Capital	Management Corp.	BOE Securities Inc.	Boyd Watterson Asset Management	Broadcast Capital, Inc.	Capital Management Group Securities	Capital Management Group Securities	Carnegie Capital
JobTitle			Executive Vice				President	Vice President	Partner	Managing	President and CEO	Chief Investment Officer		Vice President	Vice President	CEO	Managing Director		Executive Vice President &	CEO/President	Managing Director	Chairman
LastName	Schmidt	Spraggins	Edwards	Warfield	Kumbhani	Terbrueggen	Hobson	Smith	Bowen	Elderkin	Brown	Holley	McCormick	Johns	Davis, Jr.	Jackson	Davis	Hellmuth	Torbert	Baldwin	Weaver	Mateyo
FirstName	Don	Marianne	Donna	Bob	Nitin N.	Jan	Mellody	James J.	David C.	Karl O.	Ronald D.	Kenneth R.	Matthew D.	Orveil	Paige T.	Henry O.	Maceo N.	Ted	Hank L.	Shawn	Kila D.	George R.
Title	Mr.	Ms.	Ms.	Mr.	Mr.	Mr.	Ms.	Mr.	Mr.	Mr.	Mr.	Mr.	Mr.	Mr.	Mr.	Δir.	Mr.	Mr.	Mr.	Mr.	Ms.	Mr.

O:\Invest\Shared\SB 133 Implementation\Attendees7132004.doc

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AFTENDEE EIST OHIO PENSION FUNDS MEETING TUESDAY, JULY 13TH, 2004 COLUMBUS, OHIO

	10018 212-631-0453		60603 312-223-0211 wmackey@channingcapital.com	10279 646-452-4633	78758 512-833-8170		43215	45423 937-222-0282	30303 404-522-8706	10019 212-373-4240	02108 617-742-0600	22209 703-312-9656	19103 215-567-1100	312-621-6111	60606 312-621-6111	44113 216-771-9000	30328 678-805-0514	44145	43215			4 44114
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	New York	Chicago	Chicago	New York	Austin	New York	Columbus	Dayton	Atlanta	New York	Boston	Arlington	Philadelphi a	Chicago	Chicago	Cleveland	Atlanta	Wesitake	Columbus	Columbus	Cleveland	
1228 Euclid Avenue	325 West 38" Street, Suite 908	10 South LaSalle Street, Suite 2650	10 South LaSalle Street, Suite 2650	233 Broadway, Suite 3110	2312 Blalock Drive	80 West 40th Street	411 East Town Street	2480 Kettering Tower	230 Peachtree Street, N.E., Suite 530	650 Fifth Avenue, 11 th Floor	27 Beaver Place	1001 Nineteenth Street, North	1608 Walnut Street, Suite 600	200 West Adams, Suite 2000	200 West Adams, Suite 2000	940 Terminal Tower, 50 Public Square	7000 Peachtree – Dunwoody Rd., Bidg 5	26016 Detroit Road, Suite 4	411 East Town Street	411 East Town Street	1801 East Ninth St.,	Stule 1600
Management Company	Chaldon Associates LLC	Channing Capital Management	Channing Capital	Chicago Equity Partners,	Colinas Capital Management, L.L.C.	Daruma Asset Management, Inc.	Davis, Ross, McGee & McCauley Investment Advisers, LLC	Dean Investment Associates	Diaz-Verson Capital Investments, LLC	EH Williams Capital Management, LLC	EQYTY Research & Management	FBR Investment Management, Inc.	FIS Group	Fortaleza Asset Management, Inc.	Fortaleza Asset Management, Inc.	Goode Investment Management, Inc.	Gray & Company	Great Lakes Capital Partners Ltd.	Greentree Brokerage Services	Greentree Brokerage Services	Gries Financial Group	
	Partner	President/CEO	Director of	Director	Managing Director	Chief Operating Officer		National Sales Manager	Vice President	Managing Director		Senior Vice President	CEO/CIO	Associate Director		President						
	Piatt	McKissack	Mackey	Naime	Olguin	McGhee	Davis	Campbell	Gonzales	St. Claire	Kinney	Byrd	Poitevien	Heredia	Perez	Goode	Crenshaw	Bender	Carmichael	Justice	l aggit	ופתתו
a	Bruce R.	Eric T.	Wendell E.	Michael L.	S. Scott	Norene	Mark	Dan	Julio	Dail	Kurt N.	Carlton A.	Tina Byles	Carman A.	Margarita	Bruce T.	Elizabeth	Steven	Eric	Lynette	Boh	2
	Mr.	Ğ.	Ä.	Mr.	Mr.	Ms.	ĭ. Mir.	۳.	Mr.	Ms.	Mr.	ĭ.	Ms.	Ms.	Ms.	Mr.	Ms.	Mr.	Mr.	Ms.	Me	

ATTENDEELIST OHIO PENSION FUNDS MEETING TUESDAY, JULY 13TH, 2004 COLUMBUS, OHIO

Title	FirstName	LastName	JobTitle	Company	Address1	CIIV	State	Code	WorkFnone	
1			Partner	Management	Drive, Suite 700					
1	Valerie	King	Director of Marketing	Holland Capital Management	One North Wacker Drive, Suite 700	Chicago	=	90909	312-553-4831	vking@hollandcap.com
1	Frankie D.	Hughes	President & CIO	Hughes Capital Management	315 Cameron Street	Alexandria	δ	22314	703-684-7222	fhughes@hughescm.com
1	Kathleen Y.	Colin	First Vice President	Intercapital Securities LLC	1100 Plaza 5, 12 th Floor	Jersey City	2	07311	212-341-9780	kathleen.colin@us.icap.com
1	Marquette	Chester	Marketing Director	INVESCO Institutional, Inc.	One Midtown Plaza 1360 Peachtree St., N.E.	Atlanta	GA	30309	404-439-3179	Marquette Chester@invesco.com
1	Reginald	Scantlebury	Senior Vice President	Jackson Securities, LLC	2777 Summer St., Suite 402	Stamford	CT	06905	203-355-3660	rscantlebury@jacksonsecurities.com
ł	Carrie	Pickett		JME Opportunity Partners, LLC	909 Third Avenue, 29 th Floor	New York	γ	10022		joyce@ime-partners.com
<u>يّ</u>	Douglas Y.	Wang		Lakepoint Investment Partners	127 Public Square, #4130	Cleveland	НО	44114		#3
Ms.	Dyice	Ellis-Beckham	Vice President	Lincoln Capital Fixed income Management Company, LLC	399 Park Avenue	New York	γ	10022	212-526-6646	dyice.ellisbeckham@lincap.com
I	Kourtney	Ratliff	Associate	Loop Capital Markets	200 W. Jackson Suite 1600	Chicago	_	90909	312-913-5690	KourtnevR@Loopcap.com
1	Patricia A.	Winans	CEO	MAGNA Securities Corp.	420 Lexington Avenue, Suite 2220	New York	×	10170	212-547-3740	patwinans@magnasecurities.com
1	Mark	Lay	Chairman	MDL Capital Management Inc.	309 Smithfield Street, 5th Floor	Pittsburgh	ΡΑ	15222	412-281-1995	LayM@mdlcapital.com
1	Kellv	Graham	President	Meeder Financial	6000 Memorial Drive	Dublin	ᆼ	43017	614-766-7000	bobir@meederfinancial.com
1	Norman	Klopp	Partner	Midwest Investment Management	1301 East 9" Street, Suite 1110	Cleveland	НО	44114		
Ξ.	Charles	Nye	Partner	Midwest Investment Management	1301 East 9" Street, Suite 1110	Cleveland	둉	44114		
Ms.	Linda J. Larry	Jordan Jones	Regional Vice President, Marketing	NCM Capital	1170 Peachtree Street NE, Suite 1200	Atlanta	e B	30309	404-364-6578	ljordan@ncmcapital.com
1	Jakki	Haussler	Chairman & CEO	Opus Capital Management, Inc.	1 West Fourth Street, Suite 415	Cincinnati	Ю	45202	513-621-6787	
1	Len	Haussler	Chief Investment Officer	Opus Capital Management, Inc.	1 West Fourth Street, Suite 415	Cincinnati	Ю	45202	513-621-6787	lenhaussler@opusinc.com
Ĭ.	James A.	Wilson	Vice President	Ormes Capital Markets Inc.	45 Broadway – 22 nd Floor	New York	ķ	10006	212-361-1310	wilson@ormescapital.com
Mr.	Eugene	Duffy	Senior Executive Vice President	Paradigm Asset Management Co. LLC	1201 Peachtree St., N.E., Suite 1650	Atlanta	&	30361	440-724-9077	eid@paradigmasset.com
Ğr.	Kenneth	Taylor		Percival Financial Partners	5100 Falls Road, Suite 252	Baltimore	Ω	21210		gchance@pervicalfinancial.com
Μ̈́r.	Kneeland	Youngblood	Managing Partner	Pharos Capital Group, LLC	100 Crescent Court, Suite 1740	Dallas	¥	75201	214-855-0194	kyoungblood@pharosfunds.com
ĭ.	Charles	Curry	Vice President	Piedmont Invest6ment Advisors, LLC	411 West Chapel Hill Street	Durham	S	27701	919-688-8600	ccurry@piedmontinvestment.com
I										

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

13
Vice President Piper Jaffray & Co.
Vice President Profit Investment Management
Profit Investment Management
Progress Investment Management Company
RCM Saratogo Capital,
Rockwood Capital Advisors, LLC
SBK – Brooks Investment Corp.
SBK-Brooks Investme Corp.
Smith Graham & Company
Senior Vice Smith Graham & President Company
Smith Whiley & Company
Vice President Sturdivant & Co.
Sturdivant & Co.
Suoritus Partners, LL
Taplin, Canida & Habacht
Taplin, Canida & Habacht
The Edgar Lomax Company
The Kenwood Group Inc.
The Kenwood Group,
The Williams Capital Group, L.P.
The Williams Capital Partners
The Virgaina Compa

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

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					Boulevard	Angeles					
	Tom	Fries	President	Tom Fries & Associates	3400 Tonti Drive	Dublin	ᆼ	43016	614-203-6074	Tfries1@columbus.rr.com	
	Averyl	Byrd		Toussaint Capital Partners, LLC	40 Wall Street, 25 th Floor	New York	γ	10005	212-530-4424	wbristol@toussaintcapital.com	mo
	Derek T.	Batts		Union Heritage Capital Management	211 W. Fort Street, Sulte 615	Detroit	M	48226	313-963-8824	dbatts@unionheritage.com	
	Dawn L.	Scott		Union Heritage Capital Management	211 W. Fort Street, Suite 615	Detroit	M	48226	313-963-8824	dscott@unionheritage.com	
	Jorge	Castro		Valenzuela Capital Partners, Inc.	633 West Fifth Street, Suite 1180	Los Angeles	S	90071		icastro@valpartners.com	
	John	Majoros		Wasmer Schroeder & Co.	1220 W. 6th Street, Suite 500	Cleveland	Ю	44113			
	Andre M.	Cuerington		Western Asset	385 East Colorado Boulevard	Pasadena	క	91101	626-844-9524	acuerington@westernasset.com	com
1-7	Carl B.	Smalls	Managing Director/CEO	Wilmoco Capital Management, LLC	300 River Place, Suite 5350	Detroit	W	48207	313-259-1130	carl@wilmoco.com	
	Christopher	Baker		Winfield Associates	700 W. St. Clair Avenue, Suite 404	Cleveland	Ю	44113			
	Clayton	Earle		Woodford Capital Management LLC	One First Street, Suite	Los Altos	Ş	94022	650-949-3430	cearle@wcapm.com	
. ~ ~	Peggy Woodford	Forbes	President	Woodford Capital Management, LLC	One First Street, Suite	Los Altos	CA C	94022	650-949-3430	pwforbes@wcapm.com	
	George	Forbes		Forbes Fields							
Poe		Rice				-		1,000	27.00.700		
_	McCullough	Williams		Greentree Brokerage Services	411 East Iown Street	Columbus	ב	43215	614-221-8640		
	Brent	Bishop		1* Capital					614-840-9900		
	Dave	Leveck		1st Capital					614-840-9900		
173	Andy	Dickson		5" Street Capital					614-565-9948		
-	Raiph	Burrell		Alpha Capital Mgmt.					313-874-5079		
	Robert	Young		Brown Capital Mgmt.					410-837-3234		
	Paul	Anderson		DCE					614-860-9388		
	Michael	Nelson		Diaz-Verson					216-472-0273		
ı	Gorald	Williame		Deraivel Ein Dinne					440 222 E222		

Names in green indicate those not on the original "Invitee" list, but did attend. Names in red names did not attend, but were invited.

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

State Postal WorkPhone Code
MN 55439

Bloomingto n

7831 Glenroy Road, Suite 210

Company
North Shore Advisers

JobTitle

LastName

Title FirstName

Mowbray

Booklets sent to the following:

City

Address1

OPERS

Ohio Public Employees Retirement System

Ohio-Qualified, Minority & Emerging Manager Policy October 2004

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A. B. C. D. E. F.	Board of Trustees. Investment Committee. Senior Staff. Investment Staff. Investment Consultants. Legal Staff or Appointed Legal Counsel.	•••••••••••••••••••••••••••••••••••••••	3 3 3
	Revisions		
	Policy Established Policy Revised Policy Revised Policy Reestablished from Emerging Manager to Ohio-Qualified, Minority & Emerging Manager Policy	July 8,2002 January 14, 2002 June 17, 2003 October 2004	

I. PURPOSE

This policy addresses the utilization of Ohio-qualified, minority, and emerging managers in its efforts to fulfill its investment objectives. This policy does not preclude OPERS from hiring Ohio-qualified, minority or emerging managers as conducted through any other OPERS search process.

Through Section 145.11 (A) of the Ohio Revised Code (ORC), the Retirement Board is expected to discharge its duties solely in the interest of participants for the exclusive purpose of providing benefits and defraying reasonable costs.

Through Section 145.11 (B) of the ORC, it is expected that, "In exercising its fiduciary responsibility with respect to the investment of the funds, it shall be the intent of the Board to give consideration to investments that enhance the general welfare of the state and its citizens where the investments offer quality, return and safety comparable to other investments currently available to the Board. In fulfilling this intent, equal consideration shall also be given to investments otherwise qualifying under this section that involve minority owned and controlled firms and firms owned and controlled by women either alone or in joint venture with other firms".

The Board desires that Staff identify, research, and evaluate Ohio-qualified, minority, and emerging managers in its efforts to fulfill its investment objectives, to inform the Board of its decisions and to hire such managers in compliance with its fiduciary duties, as described in the Ohio Revised Code.

II. DEFINITIONS

Ohio-Qualified

For purposes of this policy, an Ohio-qualified investment manager is defined in R.C. 145.114 and R.C. 145.116 as an investment manager, designated as such by a particular retirement system, who is subject to taxation under Chapter 5725, 5733, or 5747 of the Revised Code and who meets one of the following requirements:

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

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

Minority

For purposes of this policy, and consistent with provisions of the Ohio Revised Code, a minority shall be defined as an investment manager that is a U.S. domiciled registered investment advisor under the Investment Advisors Act of 1940, and is majority-owned by one, or any combination, of the following groups: African American, Native American, Hispanic American and Asian American.

Investment Managers who are majority-owned by women are included in this Policy.

Emerging

For purposes of this policy, an emerging manager is defined as a U.S. domiciled registered investment advisor, under the Investment Advisors Act of 1940, and having assets under management of less than \$500 million.

III. OBJECTIVES

In accordance with ORC Sections 145.11, 145.113 and R.C. 145.116, it is a goal of the Ohio Public Employees Retirement System (OPERS) Board to increase its utilization of Ohio, minority, and emerging investment managers when the investment managers offer quality, services and safety comparable to other investment managers. This policy does not require OPERS to utilize Ohio-qualified, minority, or emerging investment managers. OPERS will hire investment managers in a manner that is consistent with its fiduciary duties, as outlined in ORC Sections 145.11 and 145.113.

This Policy provides a framework to ensure that Ohio-qualified, minority, and emerging investment managers are provided equal consideration in OPERS' efforts to fulfill its investment objectives.

IV. RISK MANAGEMENT

The size of the Ohio-qualified, minority, and emerging manager allocations is a primary risk control mechanism. Each allocation will be limited to a maximum of \$100 million. Initial fundings are anticipated to be up to \$25 million. Allocations will also be evaluated relative to the investment managers' total firm assets, and assets in the product under consideration. Staff and consultant will closely monitor the performance of the individual allocations and report to the board as described in this policy.

The number of firms recommended in a given year, and the size of the mandates, will be a function of the objectives outlined in the Annual Investment Plan, the capacity of each investment manager, and staff's ability to identify investment managers that are likely to meet or exceed OPERS' investment objectives.

V. PROCESS

Staff will identify potential managers through a process approved by the Director of Investments. Staff is responsible for establishing the procedures to identify and recommend managers consistent with this Policy. Managers hired under this Policy will be subjected to the same watchlisting criteria as detailed in the OPERS Manager Evaluation Policy.

VI. ROLES AND RESPONSIBILITIES

A. Board of Trustees

• Approves the Ohio-qualified, Minority, and Emerging Manager Policy.

B. Investment Committee

- Reviews and recommends to the Board of Trustees the Ohio-qualified, Minority, and Emerging Manager Policy.
- Reviews performance reports

C. Director of Investments

- Reviews the Ohio-qualified, Minority, and Emerging Manager Policy annually
- Reviews and approves new manager hires
- Approves the process developed by the Investment Staff

D. Investment Staff

- Maintains and implements the Ohio-qualified, Minority and Emerging Manager Policy
- Researches and identifies Ohio-qualified, minority, and emerging managers
- Evaluates managers and recommends new manager hires
- Implements hires, monitors investments, and prepares reports
- Develops the process to execute the Ohio-qualified, Minority and Emerging Manager Policy

E. Investment Advisor

- Provides opinion letter to the Investment Committee verifying staff has complied with this Policy.
- Monitors and reports to the Investment Committee.

• Assists staff in researching, identifying, evaluating, and hiring investment managers under this policy.

F. Legal Staff or Appointed Legal Counsel

• Reviews legal contracts and assists as necessary.



OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM

APPROVAL PROCEDURES
For
DOMESTIC EQUITY
&
FIXED INCOME
BROKER-DEALERS

April 30, 2005

OPERS MISSION STATEMENT

Regarding the execution of public securities:

- OPERS seeks to minimize the total cost of execution commensurate with providing reasonable and market-competitive compensation to trading counter parties.
- **OPERS** seeks to award trading volume to counter parties on the basis of observed and measured trade execution effectiveness over time.
- **OPERS** prefers to procure research services through a traditional invoice and payment process (on budget).
- **OPERS** encourages its trading counter parties to unbundle trade execution services from non-trading services (e.g. investment research).

OPERS APPROVAL PROCESS

INTRODUCTION

Any Broker-Dealer desiring compensated via trade execution from the internally managed portfolios at Ohio PERS, in any form, should consider the following items before applying for approval:

All applicants must submit the required documentation and meet all the quantitative criteria to be placed on the Broker-Dealer *Approval List*.

(Firms placed on the Approval List are not automatically guaranteed to receive compensation from OPERS).

All newly approved applicants with no existing broker relationship with OPERS will be required to perform two on-site presentations to be considered to receive compensation from OPERS.

According to Senate Bill 133, OPERS will select to execute securities transactions with Broker-Dealers based on five criteria:

- 1. Commission charged both in the aggregate and on a per share basis.
- 2. Execution speed and trade settlement capabilities.
- 3. Responsiveness, reliability, and integrity.
- 4. The nature and value of research provided
- 5. Any special capabilities.

Firms that do not meet the approval list criteria yet selected to provide research services or products to OPERS may be compensated directly from the OPERS operating budget. Payments, to be determined on a negotiated basis, will require the firm to submit quarterly invoices for accounting purposes.

OPERS APPROVAL PROCESS

APPLICATION PROCEDURES

- 1) OPERS has designated an individual broker-review manager to oversee the broker approval, selection and documentation process. All correspondences in this area should be directed to the 'Ohio PERS Investment Broker Review Contact" at the address listed below.
- 2) Brokers interested in conducting **Domestic Equity** and/or **Fixed Income business** with OPERS should complete the Information Request Form as presented on page 6, answer all questions on page 7, and provide all supporting documentation as presented on page 8.
- OPERS will review existing broker relationships and new firms requesting to do business with OPERS on a first come first serve basis. All new firms who are seeking approval to do business with OPERS are welcome to submit documentation anytime during the year. All existing firms on OPERS Approved List must annually submit updated document records by April 1st.
- 4) The broker-review manager will chair a committee consisting of the Trade Managers, sector managers and research analysts. This committee will assess the credit quality and references of all firms seeking approval.
- 5) The committee will submit its recommendations to OPERS Fund Services for final approval. Firms placed on the Approval List are not automatically guaranteed selection to do business with OPERS.
- 6) OPERS will respond to broker request for business in writing via email following the completion of that brokers evaluation.
- Ohio based brokers are encouraged to apply and should complete the Ohio-Qualified Agent Certification Form as presented in appendix B. For purposes of this document, an Ohio broker is defined as a broker/dealer that is incorporated in the state of Ohio (as defined in Appendix B).

OPERS APPROVAL PROCESS

APPROVAL CRITERIA

The broker review committee will consider the following criteria during the evaluation process.

- 1) A firm's credit worthiness is of paramount importance in the evaluation process. Therefore, OPERS has established the following criteria with regard to a firm's credit position.
 - a) OPERS will consider a firm's independent credit ratings. Specifically, a firm's senior unsecured bond ratings obtained from Moody's and Standard and Poor's will be used in the evaluation process. A qualified firm should possess ratings consistent with the "A" category.
 - A firm's equity capital will also be considered in the evaluation process. Qualified firms need to possess at least \$1 billion in equity capital. Firms not meeting this capital requirement must obtain a "clearing relationship" with a larger firm. If a clearing relationship exists, OPERS will consider the equity capital position of the larger firm. Also, equity capital will be analyzed only as a component of the firm's overall credit worthiness.
- 2) A firm's "history" and "track record" of providing research or execution services will be considered in the evaluation process. Qualified firms should have at least a three-year track record of providing the services that will be marketed to OPERS. Special emphasis will be placed on the specific research offering to determine if the service can add value to the OPERS investment process. All new applicants are expected to conduct an on-site demonstration of their specific research product or service.
- 3) Firms applying to do business with OPERS Domestic Equity group must possess their own trading capabilities, as defined below.
- 4) Firms providing trade execution must have the capability to receive and send trades via the FIX protocol, as defined below.

^{1 &}quot;Trading Capability" has been defined as the ability to receive security orders from OPERS and execute these orders directly at the point of sale offering the best price (i.e. NYSE, Amex, NASDAQ, etc.) without recourse to another trading entity or correspondent relationship.

² Electronic connectivity between OPERS order management system and executing broker. FIX protocol is a messaging standard developed specifically for the real-time electronic exchange of securities transactions. FIX is a public-domain specification owned and maintained by FIX Protocol, Ltd.

I. INFORMATION REQUEST FORM

OHIO PUBLIC EMPLOYEES RETIREMENT SYSTEM

277 East Town Street Columbus, Ohio 43215 Attn: Matt Sforza msforza@opers.org (614) 228-3240

 Is this application for Domestic Equity, I and Fixed Income business at OPERS? 	
2) Firm Name:	
3) Address:	
4) Telephone Number: ()	Fax: ()
5) E-mail address:	
6) Primary Sales Representative Name:	Title:
Telephone Number:Years with Firm:	
7) Primary Trader Contact (if applicable) Name: Telephone Number:	Title:
Years with Firm:	
8) Back Office / Trade Clearing Contact Name:	Telephone Number: ()
Title:	E-mail address:
22 COUCH	

Please forward the information requested on pages 6, 7 and 8 to the broker review contact presented above.

II. INFORMATION QUESTIONNAIRE

(If yes please complete the Ohio-Qualified Agent Certification Form as presented in Appendix Is your firm minority or woman-owned? (Please refer to definition in Appendix B) Does your firm have its own trading capabilities? (Please refer to definition on page 5) Does your firm have the ability to provide electronic connectivity – FIX protocol? Does your firm have a clearing agreement with any other firm(s), which we be used in transactions with OPERS? ———————————————————————————————————	vill
(Please refer to definition in Appendix B) Does your firm have its own trading capabilities?	 vill
Does your firm have its own trading capabilities? (Please refer to definition on page 5) Does your firm have the ability to provide electronic connectivity – FIX protocol? Does your firm have a clearing agreement with any other firm(s), which where the used in transactions with OPERS? If so, please identify each clearing broker and their corresponding DTC code.	 vill
(Please refer to definition on page 5) Does your firm have the ability to provide electronic connectivity – FIX protocol?	 vill
Does your firm have the ability to provide electronic connectivity – FIX protocol? Does your firm have a clearing agreement with any other firm(s), which where the best of the best of the provide electronic connectivity – FIX protocol? Does your firm have a clearing agreement with any other firm(s), which we have used in transactions with OPERS? Learning broker and their corresponding DTC code.	
Does your firm have a clearing agreement with any other firm(s), which we be used in transactions with OPERS? If so, please identify eaclearing broker and their corresponding DTC code.	
be used in transactions with OPERS? If so, please identify eaclearing broker and their corresponding DTC code.	
clearing broker and their corresponding DTC code.	CN
years?	ve
Is your firm licensed by either the Securities and Exchange Commissional Association of Security Dealers?	
If applicable, please list each exchange to which your firm is a member.	
Has a public sector client, within the last three years, notified your firm in writing that the firm representative was partially responsible for a loss on a securities transaction arising from a misunderstanding or misrepresentation of the characteristics of an instrument? [] Yes [] No (If yes, please explain)	

III. SUPPORTING DOCUMENTATION

- 1) Please enclose copies of your firm's two most recent year-end, audited financial statements.
- 2) If applicable, provide a copy of the latest Focus Report (Form X-17A-5).
- 3) Please provide a statement describing the firm's capital position and any capital line or trading limits that would support or limit the entity conducting business with Ohio PERS.
- 4) Please provide five independent references (with telephone numbers) that are similar in asset size as Ohio PERS.
- 5) If applicable, provide a synopsis that describes your research capabilities and how it could add value to the OPERS investment process.
- Return the Certificate of Compliance (provided in Appendix A) indicating that your organization has adopted the terms of the Investment Protection Principles as approved by the OPERS Board. If your firm has not adopted these principles, please provide a written statement explaining your firm's rationale for not adopting said principles. The certificate should be notarized and signed by a duly authorized officer of your organization.
- 7) Please provide the latest copy of your organization's Form BD (Broker/Dealer).
- 8) If attempting to provide "Execution-only" services, please provide independent or third party analysis of your trade execution results (such as those conducted by Plexus, Abel Noser, etc.) for each of the last three calendar years.
- 9) For research firms without internal trading capabilities, provide a sample copy of a contract or agreement that would be associated with your research product or service.
- 10) Please enclose a list of any and all fees (excluding commissions) associated with your respective research product or service.
- 11) If applicable, please provide the Ohio-Qualified Agent Certificate (Appendix B)

APPENDIX A

Ohio Public Employees Retirement System

Investment Protection Principles

Every financial organization that provides investment banking services and is retained or utilized by the Ohio Public Employees Retirement System (OPERS) should adopt the terms of the agreement between Merrill Lynch & Co., Inc. and New York State Attorney General Eliot Spitzer dated May 21, 2002 (hereinafter "Investment Protection Principles"). In retaining and evaluating any such financial organization, OPERS will give significant consideration to whether such organization has adopted the Investment Protection Principles.

The Investment Protection Principles are as follows:

- · sever the link between compensation for analysts and investment banking;
- · prohibit investment banking input into analyst compensation;
- create a review committee to approve all research recommendations;
- require that upon discontinuation of research coverage of a company, firms will disclose the coverage termination and the rationale for such termination;
- disclose in research reports whether a firm has received or is entitled to receive any compensation from a covered company over the past twelve months; and,
- establish a monitoring process to ensure compliance with the principles.

OPERS will give significant consideration in retaining and evaluating active equity managers as to whether such managers conform to the following:

- 1. Money management firms must disclose any client relationship, including management of corporate 401(k) plans, where the money manager could invest OPERS' assets in the securities of the client. In cases where the asset management firm may be affiliated with or owned by another firm, this item pertains strictly to the clients of the asset management operation as long as item number 4 (below) is satisfied. In cases where confidentiality agreements exist that prohibit the disclosure of a client relationship, disclosure should be made in such a way as to not violate the confidentiality agreement.
- 2. Money management firms must disclose annually the manner in which their portfolio managers and research analysts are compensated, including but not limited to any compensation resulting from the solicitation or acquisition of new clients or the retention of existing clients. Disclosure of the parameters of the compensation plans for portfolio managers and analysts is adequate to address this item. This disclosure is intended to apply strictly to the money management firm, not to affiliated companies.

- 3. Money management firms shall report quarterly the amount of commissions paid related to OPERS' assets to broker-dealers, and the percentage of commissions paid to broker-dealers that have publicly announced they have adopted the Investment Protection Principles.
- 4. Money management firms affiliated with banks, investment banks, insurance companies or other financial services corporations shall adopt safeguards to ensure that client relationships of any affiliate company do not influence investment decisions for the money management firm. Each manager to which this point applies shall provide OPERS with a copy of the safeguards plan and shall certify annually to OPERS that such a plan is being fully enforced.
- 5. In making investment decisions, money management firms must consider the quality and integrity of the subject company's accounting and financial data, including its 10-K, 10-Q and other public filings and statements, as well as whether the company's outside auditor also provides consulting or other services to the company. It will be considered consistent with this point to evaluate these issues as a component of the risk profile of an investment in the subject company.
- 6. In deciding whether to invest OPERS' assets in a company, money management firms must consider the corporate governance policies and practices of the subject company. It will be considered consistent with this point to evaluate these issues as a component of the risk profile of an investment in the subject company.

The principles set forth in paragraphs 5 and 6 are designed to assure that in making investment decisions the money management firms give specific consideration to the subject information and are not intended to preclude or require investment in any particular company.



Ohio Public Employees Retirement System

277 East Town Street Columbus, Ohio 43215-4642 1-800-222-PERS (7377) www.opers.org

Certificate of Compliance For the Year Ended December 31, 2004

The undersigned hereby certifies to the Ohio Public Employees Retirement System ("OPERS") as follows:

- a) Investment organization has received a copy of and reviewed OPERS' Investment Protection Principles ("Principles").
- b) Investment organization is in compliance with each and every provision of the Principles.
- c) The undersigned has the authority to bind investment organization.

In WITNESS WHEREOF, the under day of	_	executed this Certificate on this
Signature	Print	8
	Title:	2 -2-2-2
	Date:	
Investn	nent Organization:	
	Address:	



Ohio Public Employees Retirement System 277 East Town Street Columbus, Ohio 43215-4642 1-800-222-PERS (7377) www.copers.org

ACKNOWLEDGMENT

	STATI	E OF		 	_		
COUNTY OF	F						
On this	day of			 , 2004,	before	me perso	nally
						(Title)	
			regoing Certifica	 (C	ompany	/ Name),	that
			ct and deed and				
			Compliance (Company Nam	and	on	behalf	of
				 Notary	Publi	\overline{c}	

APPENDIX B

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;
- 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: Christina 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	ĭ	Firm	Inform	ation
1	l.	I - 41 144	11 11 10 1 1 1 1	auon

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.

l i I.	Affidavit
Stat	te of
Cou	inty of
Beir	ng duly sworn, I, the undersigned, state that:
2.3.4.	I have read and completed the above Certification; I am authorized to execute this Certification on behalf of the firm; I certify the information provided in this Certification is complete and true to the best of my knowledge and belief; I certify that if any information in this Certification changes, the firm will submit a new Certification; and, 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: Sign	nature
Prin	ted Name
Title	
Swo	rn and subscribed before me thisday of, 200
Nota	ary Public
My c	commission expires

OPERS MEETINGS HELD WITH OHIO-QUALIFIED MANAGERS and BROKERS

Firm	Contacts	OHIO QUALIFED INVESTMENT MANAGERS	OHIO QUALIFIED BROKERS	2004 Meeting Dates	2005 Meeting Dates
A. G. Edwards			x		
Apex Capital	Jan Terbrueggen	X		3/4 with Jan Terbrueggen	
Bahl Gaynor	Matt McCormick	X		1/30, 8/2 with Matt McCormick	2/18 with Matt McCormick
Brantiey Partners	Dan DiMarco	X		6/28 with Dan DiMarco	
Diamond Hill	Ric Dillon	X		11/2 with Ric Dillon, Chuck Bath	
Fifth Third			X		
First Fiduciary	Robert Chiles	X			
Fort Washington	Marty Flescher	X		8/19 with Tina Poitevien	
Great Lakes Capital	Patrick White		X	6/17 with Bill Deuchler	2/02 with Patrick White
Gries Financial	Robert Leggitt	X			
Lakepoint Investment Partners	Doug Wang	X		8/10, 12/3 with Doug Wang	
Logix Investment Management	Rob Herman	X		9/14 with Rob Herman	3/09 with Rob Herman
Midwest Investment	Chuck Nie	X		9/14 with Chuck Nie	
National City	Barry Pavlo	X		6/18, 8/31 with Barry Pavlo	
NorthPoint Capital	Michael Haydin	X		8/10 with Michael Haydin	
Opus Capital Management	Len Haussler	X		3/26, 11/5 with Len Haussier	
R Meeder & Associates	Kelly Graham	X		7/6 with Kelly Graham	
RiverPoint Capital Management	Leon Loewenstine	X			1/11 with Leon Loewenstine
Wachovia	Monty Will		X		2/3 with Monty Will

OPERS EQUITY BROKER/DEALER REPORT (Internal and External Accounts) Reporting Period 7/1/03 - 6/30/04

PRELIMINARY

% Of Total \$ Trades Executed Through Ohlo- Qualified Minority	BrokenDealers														
=	- 1	\$ 8,158,821	5,787,608 5,787,608 54,608	631,329 56,026,892	253,133,396	406,735,585 530,884 530,884 33,721 37,217 37,217 37,217 31,217 31,618 63,739,090 3289,090 3289,647,748 328,637 3289,637	325,564,724	213,143,401 420,881 420,881 5,680,893 5,1288,627 5,005,507 5,005,507 5,005,507 5,005,507 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,005 10,0	19,951,770	369,295 73,271,282 2,021,242 265,876 55,823,107 623,107 62,288,894 62,241 1,733,880 1,733,880 1,733,880	48,050,117	42,020,515 6 742 687	2,327,953	1,963,423,791	35,161,500 880,682 33,421,619 786,617,568 7,861,778 28,545,547 83,046 2,4813 2,024,388 413,546 1,684,143
\$ Amount of Trades Executed with Ohio-Qualified Minority Broken	Dealers	•													
% of Total Commissions Paid to Ohio-Qualified	BrokerDealers	0.07%		1.40%	%00.0	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5.42%	Ĭ.	6.47%		1.33%	0.08%	W. Const	1.46%	
	BrokenDealers	6,166	11,188	127,766	355,349	591,888 775 28,683 297 782 782 14,685 14,585 14,785	23 500	323,270 372,852 372,852 6,292 10,682 4,306 625 382 382 1,280 1,280 1,280 1,780 47,1820 1,385 1,785 47,1820 1,385 1,785 47,1820 1,385 1,785 47,1820 86,787 86,787 86,787	40,366	580 108,304 1,615 1,615 67,582 1,389 1,723 3,078 1,280	121,370	36,398	3,040	133,197 961,257	55,143 1,380 15,381 9,061,724 2,068 2,068 2,068 2,068 2,099 4,28 3,500
Commissions Paid To Ohio- Qualified	Broker/Dealers	\$ 6,166 \$		127,766	445	494.285	484,385		498.970		121,370	A 122	Too't	133,197	
% Of Total \$ Trades Executed Through Ohio-Qualified	BrokeriDealers	0.10%		0.72%	0.01%	9,90	4.16%		4.38%		0.61%	70.00		1.13%	
\$ Amount of Trades Executed with All	Broker/Dealers	8,158,821	5,787,608 5,787,608 54,608	56,026,892	253,133,396	406,735,585 530,884 632,089 34,708,576 371,217 798,175 956,168 63,729,122 13,618 69,529,090 3,289,672 13,878,539	325,564,724	213,143,402 420,881 222,319,084 5,609,882 5,605,507 5,605,507 6,400,882 445,130 1,282,185 1,248,130 1,248,	18,951,770	389,295 73,271,282 2,021,242 2,021,242 55,923,107 6,392,107 9,289,894 1,733,890 1,733,890 1,733,890 1,733,890	48,050,117	42,020,515 # 712,687	2,327,953	88,641,717 1,963,423,791	35,151,500 890,652 894,21,819 765,617,568 7,681,778 28,545,547 28,135 2,024,388 4,143,549 1,684,143
\$ Amount of Trades Executed with Ohio-Qualified	BrokenDealers	\$ 8,158,821		56,026,892	434.320	328.584.724	320,564,724		342.257.196		48,050,117	743 587	100,431,10	1,963,423,791	
Ohio- Quafffed- Minority Broker/	Dealer														
Ohio- Qualified Brokerf	Dealer	Ohio-Qualified		Ohio-Qualified	Ohio-Qualified				Ohio-Onsliffed		Ohio-Qualified	Position Control	Oillo-Adaillied	Ohlo-Qualified Ohlo-Qualified	
Kepotang Pendu 7 105 - 675004	Broker/Dealer Retained by Public Fund	A G EDWARDS Total	ABN AMKO SECUKI IES LLC Total ADAMS HARKNESS + HILL, INC Total ALBERT FRIED & COMPANY LLC Total	B IKADE SERVICES I DIA BAIRD ROBERT W + CO Total	BANC OF AMERICA SECURITIES Total BRS. T.CAPITAL MARKETS Total	BEAR STEARNS + CO TOTAIN BLANKER, TO TOTAIN BEAR STEARNS + CO THE TOTAIN BLANKER, TOTAIN BREAR STEARNS HOUT TOTAIN BREAR HUNGEN TOTAIN BROWN BROTHERS HARRIMAN AND CO. TotaIN BLOCKINGHAM RESEARCH GROUP INC. (THE) TOTAIN BUCKINGHAM RESEARCH GROUP INC. (THE) TOTAIN BUCKINGHAM RESEARCH GROUP INC. (THE) TOTAIN CANTOR FITZGERALD + CO. TOTAIN CHAPDELAINE + CO. TOTAIN CHAPDELAINE + CO. TOTAIN CHAPDELAINE + CO. TOTAIN CHARLES SCHAMAS OO INC. TOTAIN CHARLES SCHAMAS OO INC. TOTAIN CHARLES SCHAMAS OF IN	CITIGROUPGLOBAL MARKETS INC. Total	CREDIT SUISSE FIRST BOSTON CORPORATION Total CREDIT SUISSE FIRST BOSTON CORPORATION TOTAL DEUTSCHE BANK SECURTIES TOTAL DEUTSCHE BANK SECURTIES TOTAL DEUTSCHE BANK SECURTIES TOTAL EAHWERDEKE SOWS INC TOTAL BANK TO TOTAL FIRST ALBANY CAPITAL INC. TOTAL FIRST AND TOTAL TOTAL FIRST AND TOTAL TOTAL SECURTIES CORP TOTAL FIRST UNON CAPITAL MARKETS TOTAL FLEET INSTITUTIONAL SERVICES TOTAL FLEET INSTITUTIONAL SERVICES TOTAL FRIEDMAN BILLINGS + RANSEY TOTAL GENARI SUBSITIT TOTAL HARRIS NESBITIT TOTAL H	ISI GROUPING Total	JANNEY MONTGOMERY, SCOTT INC Total JEFFERIES OF Total JMP SECURITIES Total JOHNSON RICE + CO Total JOHNSON RICE + CO Total JOHNSON RICE + CO Total KALFARAN BROTHERS Total KELEF BRUVETE + WOODS INC Total KELY ASSOCIATES ITD Total LETRIK SWAMN AND COMPANY Total LETRIK SWAMN AND COMPANY Total LEGA MASON & CO Total	LEGG MASON WOOD WALKER INC Total	LIQUIDNETING Total	LYNCH JONES AND KTAN INC. 10tal MAXUS CORP. Telal MAXAMS WEBJOUT - BACEN Takel	MCDOWN WILL AND A CONTROL OF THE MERRIL LYNCH PEIRCE FENNER + SMITH Total	MIDWEST RESERVEN SECURITIES Total MONTAUK FINANCIAL TOEI MORGAN STANLEY CO INCORPORATED TOEI MORGAN STANLEY CO INCORPORATED TOEI MORGAN STANLEY DEAN WITTER TOEI NATIONAL FINANCIAL SERVICES CORP. TOEI NATIONAL INCESTOR SERVICES CORP TOEI NEUN CLEARING INC. TOEI INCORP TOEI NEUN VERNION SECURITIES LLC TOEI OBERCIERANO SECURITIES LLC TOEI OBERLIN FINANCIAL CORP TOEI

			7600								0.02%
64,264,287 1,459,288 899,127 2,007,770 2,068,622 7,111,912	174,703,531 59,297,444	2,583,620	16,440,155 534,352,868 1 578 931	2,431,217 24,641 960,858 47,177,899	111,083,887 1,884,305 1,811,043	216,392 486,515 25,084	390,685	1,630,612 5,754,105 1,493,809	196,612,713 75,618,421	1,824,135 896,042 1,430,249 43,544,973 25,083,256 1,137,988	7,821,075,135
			1 578 930 75								1,678,931 \$ 7
	3.46%	0.04%	***************************************		2.18%		2000	80	3.57%		37.80% \$
119,215 3,668 1,652 2,781 1,719 12,698	315,300 96,321	10,356 3,295	31,385 945,880 7,500	2,520 240 3,045 60,176	199,009 1,620 3,713	203 203 203 203 203	3,365 8.965	3,146 5,473 4,420	325,761 136,059	7,500 1,480 1,333 59,045 35,690 1,840	9,117,984
	315,300 96,321	3,295	7.500		800,86T		200	300,04	325,761 136,059		3,446,994 \$
	2.23% 0.76%	0.02%	0.02%		1.42%		7970	ę	2.51% 0.97%		44.34% \$
64,284,287 1,459,288 899,127 2,096,622 7,718,912 1,711,507	174,703,531 59,297,444	2,583,620	16,440,155 534,352,868 1,578,931	2,431,217 24,641 960,858 47,177,899	111,083,887 1,864,305 1.811.043	216,392 466,515 25,084 1465,544	864,833	1,630,612 5,754,105 1,493,809	196,612,713 75,618,421	1,824,135 896,042 1,430,249 43,544,973 25,083,256 1,137,988	7,821,075,136
	174,703,531 59,297,444	1,861,691	1.678.931		111,083,887		0 400 360	000,200,0	196,612,713 75,618,421		3,467,509,148
			Ohio-Minority								1 1
	Ohio-Qualified Ohio-Qualified	Ohio-Qualified	Ohio-Cualified Ohio-Minority		Onlo-Qualmed		Prio Original		Ohio-Qualified Ohio-Qualified		41
OPPENHEIMER & ASSOCIATES (CLS THRU 443) Total OTA LTD PARTNERSHIP Total PACIFIC CREST SECURITIES TOTAL PACIFIC CREST SECURITIES TOTAL PERSHING DIV OF DLJ TOTAL PERSHING LLC TOTAL PERSHING LLC TOTAL PERSHING LLC TOTAL	PRUDENTIAL AMERICAN SECURITIES INC Total RAYMOND JAMES + ASSOCIATES INC Total	RBC CAPITAL MARKETS Total RBC DAIN RAUSCHER INC Total	SANDLER ONEILL + PART LP Total SANFORD BERNSTEIN TOTAI SAK RECOKS INVESTMENY CORP TOTAI	SCHWAB CAPITAL MARKETS LP Total SCOTITA CAPITAL (USA) INC Total SCOTITA STRINGFELLOW, INC Total SCOTI AS SECURITIES, LIC Total	SG COWEN SECURITIES CORP Total SGS SECURITIES CORP Total SGS SECURITIES TOTAL	SOUNDVIEWFINANCIAL Total SOUTHWESTSECURITIES Total SPEAR, LEEDS & KELLOGG TOTAL STANTADA, EDODE SECURITIES INCTANA	STATE STREET BANK + TRUST CO ROYAL ECONO Total STEPHENS, INC. Total STEPHENS, INC. 1048	SUFFICE MICCLEAGE OF ONE OF THE SUSQUEED HIS TOTAL THOMAS WEISEL PARTNERS TOTAL USBANCORP PIPER JAFFRAY INC TOTAL	UBS FINANCIAL SERVICES INC Total WACHOVIA CAPITAL MARKETS Total	WASHINGTON AND VISIS CORPORATION TO AN WEBLISH MORGAN SECURITIES INC TO BE WELLS FARGO VAN KASPER LLC TO BE WILLIAMS BLARE COMPANY, L.C TO BE WILLIAMS CAPITAL GROUP LP (THE) TO BE WILLIAMS CAPITAL GROUP LP (THE) TO BE	Total

Broker/Dealer

Subject to taxation in Ohio Authorizad to conduct business in Ohio Principal place of business in Ohio/Employs Five People

* Excludes all known over the counter trade activity

OPERS OHIO-QUALIFIED EQUITY BROKER/DEALER REPORT Reporting Period 7/1/03 - 6/30/04

Keporting renog //1/03 - 6/30/04											
		- 아라 -			% Of Total \$			% of Total	\$ Amount of		% Of Total \$
	OHjo.	Oualified-	\$ Amount of	\$ Amount of	Trades Executed	Commissions		Commissions	Trades Executed	\$ Amount	Trades Executed
	Oualified	Minority	Trades Executed	Trades Executed	Through	Paid To Ohio-	Commissions	Paid to	with Ohio-Qualified	of Trades	Through Ohio-
	Brokeri	Broken	with Ohio Qualified	with All	Ohio-Qualified	Qualified	Paid To All	Ohio-Qualified	Minority Broker	Executed with All	Qualified Minority
BrokenDealer Retained by Public Fund	Dealer	Dealer	BrokenDealers	BrokenDealers	Broker/Dealers	BrokenDealers	BrokenDealers	BrokenDealers	Dealers	Broker/Dealers	BrokenDealers
A G EDWARDS Total	Ohio-Qualified	750	\$ 8,168,821	\$ 8,158,821	0.10%	\$ 6,166 \$	6,166	0.07%	•	\$ 8,158,821	
BAIRD ROBERT W + CO Total	Ohlo-Qualified		56,026,892	56,026,892	0.72%	127,768	127,786	1.40%		56,026,892	
BB& T CAPITAL MARKETS Total	Ohlo-Qualified		434,320	434,320	0.01%	445	445	%00.0		434,320	
CITIGROUPGLOBAL MARKETS INC Total	Ohio-Qualified	_	326,564,724	325,564,724	4.16%	494,385	494,385	5.42%		325,564,724	
I P MORGAN SECURITIES INC Total	Ohio-Qualified		342,287,196	342,257,196	4.38%	498,970	498,970	5.47%		342,257,196	
I FGG MASON WOOD WALKER INC Total	Ohio-Qualified		48,050,117	48,050,117	0.61%	121,370	121,370	1.33%		48,050,117	
I VNCH JONES AND RYAN INC Total	Ohio-Qualified	_	5,712,687	5,712,587	0.07%	4,332	4,332	0.06%		5,712,587	
MCDONALD & CO SECURITIES INC Total	Ohio-Qualified		88,641,717	88,641,717	1.13%	133,197	133,197	1.46%		88,641,717	
MERRIT YNCH PEIRCE FENNER + SMITH Total	Ohio-Qualified		1.963,423,791	1.963,423,791	25.10%	981,257	951,257	10.43%		1,963,423,791	
PRINTING AMERICAN SECURITIES INC Total	Ohio-Qualified		174,703,531	174,703,531	2.23%	315,300	315,300	3.46%		174,703,531	
RAYMOND IAMES + ASSOCIATES INC Total	Ohio-Qualified		59.297.444	69,297,444	0.76%	96,321	96,321	1.06%		59,297,444	
RBC DAIN RAISCHER INC Total	Ohlo-Qualified		1.861,691	1,861,691	0.02%	3,296	3,295	0.04%		1,861,691	
SBK BROOKS INVESTMENY CORP Total	Ohio-Qualified Ohio-Minority	hio-Minority	1.678,931	1,678,931	0.02%	7,600	7,500	0.08%	1,578,930.75	1,678,931	0.02%
Se cowen Securities CORP Total	Ohlo-Qualified		111.083,887	111,083,887	1.42%	199,009	199,009	2.18%		111,083,887	
STIFFI NICOLAUS & CO INC Total	Ohio-Qualified		8,482,368	8,482,368	0.11%	25,862	25,862	0.28%		8,482,368	
IIBS FINANCIAL SERVICES INC Total	Ohio-Qualified		196,612,713	198,612,713	2.61%	325,761	325,761	3.67%		196,612,713	
WACHOVIA CAPITAL MARKETS Total	Ohio-Qualified		75,618,421	75,618,421	%260	136,069	136,059	1.49%		75,618,421	
			0 100 000 100	- 15	14.9.40	9 440 004	0 447 004	27 000	A 870 054	7 004 075 405	Jaco V
40			2 04C'202'204'2	001.071.07	0 to th	n tan'ott's	90611118	10/00/10	100'0'0'	CC1.070,120,1	0.77°

Broken/Dealer

Subject to taxation in Ohio Authorized to conduct business in Ohio Principal place of business in Ohio/Employs Five People

OPERS EQUITY BROKER/DEALER REPORT (Internal and External Accounts) Reporting Period 7/1/04 - 3/31/05

PRELIMINARY

Reporting Period 7/1/04 - 3/31/05		1			2 00 Tabel 6			W. of Total	& Amount of		K Of Total &
	Ohio- Qualiffied Brokerf	Qualified- Minority Broken	\$ Amount of Trades Executed with Ohio-Quaffed	\$ Amount of Trades Executed with All	Trades Executed Through Ohio-Qualified	Commissions Paid To Ohio- Qualified	Commissions Paid To All	Commissions Paid to Ohio-Qualified	Trades Executed with Ohio-Qualified Minority Broken		Trades Executed Through Ohlo- Qualified Minority
BrokerDealer Retained by Public Fund	Dealer	Dealer	Broker/Dealers	Broker	BrokenDealers	BrokenDeat	Broker/Dealers	BrokenDealers	Dealers	BrokenDealers	BrokenDealers
A G EDWARDS Total	Ohio-Qualified		\$ 893,746	\$ 893,746	0.01%	\$ 1,607 \$	1,607	0.03%	•	\$ 893,746	
ADAMS HARKNESS + HILL, INC Total AMERICAN TECHNOLOGY RESEARCH INC Total ANCORA SECIRITIES INC Total				6,014,883 1,097,683 1,581,249			15,544 2,068 3,050			6,014,863 1,097,683 1,581,249	
AVALON RESEARCH GROUP INC Total BAIRD, ROBERT W., & CO INCORPORATED		٠	MACCO C	1,151,068 94,473,886			1,843			1,151,068	
BANC OF AMERICA TOTAL BANK ONE Total				118,871,162 894,274			204,385			118,871,162 894,274	
BEAR STEARNS SECURITIES CORP Total	Ohio-Qualified		1,173,167	1,173,167 224,653,735	0.02%	612	612 377,677	0.01%		1,173,167 224,653,735	
BRIDGE TRADING Total				2,203,050			400			2,203,050	
B-TRADE SERVICES LLC TOURI				28,967,814			17,222			28,967,814	
CANTOR FITZGERALD + CO. Total CAPITAL INSTITUTIONAL SERVICES Total				964,628			1,258			964,628	
CHAPDELAINE INSTITTIONAL EQUI Total				4,495,932 2,536,140			4,766			4,495,932 2,536,140	
CIBC WORLD MARKETS CORP Total				10,939,507	10000	110 100	16,386	4 000		10,939,507	
CITIGROUPGLOBAL MARKETS INC Total	Ono-Qualmed		01/,101,181	1.044.762	2.03%	6664,303	1,049	8.00°		1,044,762	
CREDIT SUISSE FIRST BOSTON CORP				33,123,450			40,682			33,123,450	
DAVIDSON D.A. + COMPANY INC. Total				5,195,041			5,520			5,195,041	
DEUTSCHE MORGAN GRENFELL INC. Total		_		1,341,706			1,260			1,341,706	
DOWLING +PARTNERS SECS LLC Total				1,505,667			1,121			1,505,687	
EDWARDS AG SONS INC. Total FIRST ALBANY CAPITAL INC. Total				1,114,001			2,927			1,114,001	
FIRST ANALYSIS SECURITIES CORP Total				1,132,428			948			1,132,428	
FOX PITT KELTON INC Total				18,210,702			27,700			18,210,702	
GOLDMAN SACHS + CO Total				170,140,009			253,807			170,140,009	
GREEN STREET ADVISORS Total				297,533			37.1	-		297,533	
GRIFTI HOMCBOTNET & TAKINENS LOWING GUNNALLENFINANCIAL TOTAL		·		515,288			1,998			515,266	
HARRIS NESBITT CORP. Total				101,009,095			148,248			101,009,095	
HIBERNIA SOUTHOOAST CAPTION TOWN HOEFER + ARNETT Total				1,242,518			1,418			1,242,516	
HOWARD WEIL DIVISION LEGG MASON Total				37,836,303			51,115			37,836,303	
INSTINET Total INVESTMENT TECHNOLOGY GROUP INC. Total				35,699,050			5,836			35,699,050	
ISI GROUPINC Total				65,959,754 251 108			87,566			65,959,754 251,108	
IT FINE CORP. Total	Ohio-Qualified		204.147.558	204,147,558	3.29%	299,815	299,815	6.20%		204,147,558	
JANNEY MONTGOMERY, SCOTT INC Total				113,952			260			113,952	
JEFFERIES+ CO Total				39,989,931			47,341			39,989,931	
JMP SECURITIES Total				538.518			8758 854			538.516	
JONES & ASSOCIATES INC. Total				6,499,631			8,923			6,499,631	
JP MORGANSECURITIES INC Total				29,603,342			30,297			29,603,342	
KEEFE BRUYETTE + WOODS INC Total				24,696,061			30,378			24,696,061	
LAVA SECURITIES Total LAZARD FRERES & CO. Total				729,344			1,836			729,344	
LEERINK SWANN AND COMPANY Total			020 020 000	16,255,077	4 6097	4EB 403	14,714	2 75%		16,255,077	
LEGG MASON WOOD WALKEN INC. Jotal LEHMAN BROTHERS INC Total	Onio-Cualmed		616,062,401	243,164,322		own for the same of the same o	364.403	i		243,164,322	
LOOP CAPITAL MKTS LLC Total			020 200	7,573,104	4 0 407	408 830	9,800	2 2006/		7,573,104	
MCDONALD AND CO SEC INC.	Ohio-Qualified		2,787,675,726	2,787,675,726	1.84%	739,711	739,711	12.83%		2,787,675,726	
MENNIEL LINGT SOURTIES Total				31,547,751			33,588			31,547,751	
MILLER TABAK + COMPANY, LLC Total				64,575,182 7,116,531			96,134			64,575,182 7,116,531	
MORGAN REEGAN & CO INCORPORATED Total MORGAN STANLEY CO INCORPORATED Total				30,934,710			31,404			30,934,710	
NATEXIS BLEICHROEDER INC NY Total				552,674			42.694			28,267,176	
NATIONAL FINANCIAL SERVICES CORF. 10481 NATIONAL INVESTOR SERVICES CORP Total				60,412			128			60,412	
NEEDHAM +COMPANY Total				578,374			1,301			578,374 972,277	
NEUBERGERAND BERMAN TOTAL NEW VERNON SECURITIES LLC TOTAL				586,070			545			586,070	
OPPENHEIMER & CO. INC. Total		_	2224	68,628,171	=		136,174	3	_	68,626,171	

3,634,090 433,354 662,217 496,847 23,942,435 1,680,013 1,163,923	73,386,673	1,714,316	4,048,358 1,058,226	378,183,230 174,686 47,78,086	2,673,326	584,955 397,124	96,927 143,199	13,847,357	1,625,640 394,051	3,364,886 1,118,303	388,419	596,740	16.891.510	1,086,751	2,555,727	24,681,041 485,806	0 8,197,026,765 0
	2.26%	0.35%			0.06%			0.30%			0.01%	3.00%	0.42%				36.34%
5,881 878 450 600 20,624 0 1,801	130,427	19,963	14,762	1/9,534 645,232 610	3,350	500 178	153	17,335	2,500	8,863 3,510	781	676	11,605	2,673	26,143	33,225	5,766,310
	130,427	19,953			3,350			17,335			781	000'617	24.135				2,037,588 \$
	1.18%	0.24%			0.04%			0.22%			0.01%	2.01%	0.27%				\$ %66.89
3,634,090 433,354 662,217 496,647 23,942,435 1,1690,013	73,386,673	14,814,746	4,048,358 1,058,226	378,183,230 174,686 17 708 085	2,673,326	584,955	96,927 143,199	13,847,357	1,625,640 394,051	3,364,886 1,118,303	388,419	596,740	16.891.510	1,086,751	21,571,030	24,681,041 485,806	6,197,026,765
	73,386,673	14,814,746			2,673,326			13,847,357			388,419	120,414,394	16.891.510				0 \$ 3,655,927,515 \$
																	0
	Ohio-Qualified	Ohio-Qualified			Ohio-Qualified			Ohio-Qualified			Ohio-Qualified	Ono-dualmed	Ohio-Qualified				15
OTA LTD PARTNERSHIP Total PACIFIC COAST SECURITIES LLC Total PACIFIC GREWTH SECURITIES TOTAL PACIFIC GROWTH EQUITIES TOTAL PERSHING TOTAL PETERSPOCKT TOTAL PIETRES LAFFRAY & CO. TOTAL PORTALES PARTNERS TOTAL	PRUDENTIAL EQUITY GROUP Total	PRUDENTIAL SECURITIES INC. TOTAL RAYMOND JAMES AND ASSOCIATES INC Total	RBC CAPITAL MARKETS Total ROBERT BAIRO & CO Total	S.G. COWEN & CO., LLC 1088 SANFORD CBERNSTEIN CO LLC Total SCOTT & STRINGFELLOW, INC. Total CO AMERICAS CENTIONES	SG COWEN SECURITIES CORP Total	SIMMONS +COMPANY INTERNATIONAL Total	SPEAR, LEEDS & KELLOGG Total STEPHENS, INC. Total	STIFEL NICOLAUS + CO INC Total	SUSQUEHANNA TRUST + INVESTMENT CO Total THINKEQUITY PARTNERS LLC Total	THOMAS WEISEL PARTNERS Total U.S. BANCORP PIPER JAFFRAY INC Total	UBS SECURITIES CANADA INC Total	UBS SECURITIES LLC Total VAN DER MOOLEN SPECIALISTS USA LLC Total	VARIANT RESEARCH CORPORATION Total WACHOVIA Total	WEDBUSH MORGAN SECURITIES INC Total	WELLS FARGO SECURITIES TOTAL WILLIAM BLAIR & COMPANY, L.L.C Total	WILLIAMS CAPITAL GROUP LP (THE) Total WOORIBYULCO, LTD. Total	Total

Broker/Dealer

Subject to taxation in Ohio Authorized to conduct business in Ohio Principal place of business in Ohio/Employs Five People

OPERS OHIO-QUALIFIED EQUITY BROKER/DEALER REPORT Reporting Period 7/1/04 - 3/31/05

			-		-	The state of the s					
		-ojido			% Of Total \$			% of Total	\$ Amount of		% Of Total *
	-sito	Qualified-	\$ Amount of	\$ Amount of	Trades Executed	Commissions		Commissions	Trades Executed	\$ Amount	Trades Executed
	Qualified	Minority	Trades Executed	Trades Executed	Through	Paid To Ohio-	Commissions	Paid to	with Ohlo-Qualified	of Trades	Through Ohio-
	Broker	Broken	with Ohio-Qualified	with All	Ohio-Qualified	Qualified	Paid To All	Ohio-Qualified	Minority Broker	Executed with All	Qualified Minority
Broker/Dealer Retained by Public Fund	Dealer	Dealer	BrokenDealers	BrokenDealers	BrokenDealers	BrokenDealers	BrokenDealers	BrokenDealers	Dealers	BrokenDealers	BrokenDealers
			3.0								
A G EDWARDS Total	Ohio-Qualified		\$ 893,746	\$ 893,746	0.01%	1,607	1,607	0.03%		\$ 893,746	
BB& T CAPITAL MARKETS Total	Ohio-Qualified		1,173,167	1,173,167	0.02%	612	612	0.01%		1,173,167	
CITIGROUPGLOBAL MARKETS INC Total	Ohio-Qualified		191,761,718	191,761,718	3.09%	224,356	224,356	3.89%		191,761,716	
J P MORGAN SECURITIES INC Total	Ohio-Qualified		204,147,568	204,147,558	3.28%	299,815	299,815	6.20%		204,147,558	
LEGG MASON WOOD WALKER INC Total	Ohio-Qualified	-	104,250,979	104,250,979	1.68%	158,423	158,423	2.75%		104,250,979	
MCDONALD AND CO SEC INC.	Ohlo-Qualified		114,037,373	114,037,373	1.84%	195,539	195,539	3.39%		114,037,373	
MERRI I YNCH Total	Ohio-Qualified		2,787,675,726	2,787,675,728	44.98%	739,711	739,711	12.83%		2,787,675,726	
PRIIDENTIAL EQUITY GROUP Total	Ohio-Qualified		73,386,673	73,386,673	1.18%	130,427	130,427	2.26%		73,386,673	
PRINENTIAL SECURITIES INC Total	Ohlo-Qualified		1,712,916	1,712,916	0.03%	2,183	2,183	0.04%		1,712,916	
RAYMOND JAMES AND ASSOCIATES INC Total	Ohio-Qualified		14,814,746	14,814,746	0.24%	19,963	19,963	0.36%		14,814,746	
SG COWEN SECURITIES CORP Total	Ohio-Qualified		2,673,326	2,673,326	0.04%	3,360	3,350	0.06%		2,673,326	
STIFF! NICOLAUS + CO INC Total	Ohio-Qualified		13,847,357	13,847,357	0.22%	17,336	17,335	0.30%		13,847,357	
LIPS SECTIRITIES CANADA INC Total	Ohio-Qualified	*	388,419	388,419	0.01%	787	781	0.01%		388,419	
UBS SECURITIES LLC Total	Ohio-Qualified		128,272,302	128,272,302	2.07%	219,365	219,365	3.80%		128,272,302	
WACHOVIA Total	Ohlo-Qualified	-8	16,891,510	16,891,510	0.27%	24,135	24,135	0.42%		16,891,510	
									Control of the Contro		
Total	15	0	0 \$ 3,655,927,515 \$	\$ 6,197,026,766	%66.89	\$ 2,037,588	\$ 5,766,310	35.34%		\$ 6,197,026,765	

Broker/Dealer

Subject to taxation in Ohlo Authorized to conduct business in Ohio Principal place of business in Ohlo/Employs Five People

Excludes all known over the counter trade activity

^{*} Excludes all known over the counter trade activity

OPERS FIXED INCONE BROKER/DEALER REPORT (Internal and External Accounts) Reporting Period 7/1/03 - 6/30/04

PRELIMINARY

Reporting Period 7/1/03 - 6/30/04											
	opio o	Ohlo- Qualified-	\$ Amount of	\$ Amount	% Of Total \$ Trades Executed	Commissions		% of Total	\$ Amount of Trades Executed	\$ Amount	% Of Total \$ Trades Executed
Broker/Dealer Retained by Public Fund	Qualified Broker/ Dealer	Minority Broker/ Dealer	Trades Executed with Ohio-Qualified Broker/Dealers	of Trades Executed with All Broker/Dealers	Through Ohio-Qualified Broker/Dealers	Paid To Ohlo- Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	Paid to Ohlo-Qualified Broker/Dealers	with Ohlo-Quaffed Minority Broker/ Dealers	of Trades Executed with All Broker/Dealers	Through Ohio- Qualified Minority BrokeriDealers
ABN AMRO BANK NV Total BAKER RESFARCH CORPORATION Total			м	\$ 4,312,400 194,315,955		Y/X	¥ Z	Y Y	·	\$ 4,312,400 194,315,955	
BANC OF AMERICA SECURITIES LLC Total				787,516,796						787,516,796	
BANCO SANTANDER CENTRAL HISPANO Total				1,162,162						1,162,162	
BANCO WARBURG DILLON READ 3/A 10/81 BANK OF NEW YORK BARCLAYS LONDON Total				499,410						499,410	
BANK ONE, KENTUCKY, N.A. Total				1,186,169						1,186,169	
BARCLAYS Total				1,153,191,350						1,153,191,350	
BEAR STEARNS + CO INC Total				4,800,252,376						4,800,252,376	
BHF SECURITIES CORPORATION TOTAL RNP PARIBAS Total				2.911.085						2.911.085	
BNY CLEARING SERVICES LLC Total				35,220,304				- 8.0		35,220,304	
BNY/ABN-AMRO UK Total				397,213						397,213	
BONY COUNTRYWIDE SEC CORP Total				283,245,193						283,245,193	
CHARTERHOUSE SECURITIES LIMITED Total				783,543						793,543	
CIRC WORLD MARKETS CORP Total				1,466,263						1,466,263	
CITIBANK Total				1,064,143						1,064,143	
CITICORP SECURITIES INC Total				1,495,410						1,495,410	
CITIGROUPGLOBAL MARKETS INC Total	Ohio-Qualified		2,754,951,766	2,754,951,766	8.56%					2,754,951,766	
CREDIT SUISSE (FIRST BOSTON) Total				3,997,500,107						3,997,500,107	
DB CLEARING SERVICES Total				107 682						107 682	
DBS SECONTIES TOTAL DBTC AMERICAS/DBAG LONDON Total				764,510						764,510	
DEUTCHE BANK Total				1,044,621,470						1,044,621,470	
DIRECT ISSUE Total				26,151,190						26,151,190	
E A AMES & CO INC Total				35,881,061						35,881,061	
FIRST ALBANY CORP. Total				2,154,135						2,154,135	
FIXOL LENNESCEE BANK, N.AMEMPHIS LOGI				28.029.352						28,029,352	
FIRST UNION NATL BK Total				3,155,453						3,155,453	
FREDDIE MAC SECURITIES + SALES Total				378,767,468						378,767,468	
GARBAN SECURITIES LTD Total				21,581						21,581	
GOLDMAN SACHS + CO Total				528,349,104						20 403 125	
GREEN STREET ADVISORS INCORPORATED TORI	_			708,360,490						708,360,490	
HARRIS NESBITT CORPBONDS Total				461,938						461,938	
HBSC SECURITIES Total				457,959,131						457,959,131	
HERZIG P. R. & CO Total				8.093.334						8.093,334	
ING BARING (U.S.) CAPITAL MARKETS Total				2,574,410						2,574,410	
J P MORGAN CHASE/J P MORGAN INTL. T.Ohio-Qualified	Ohio-Qualified		301,068,044	301,068,044	0.94%					301,068,044	
JEFFERIESCOMPANY INC Total				2,606,413						803,080	
KBC FINANCIAL PRODUCTS INC USA TOTAL KBC FINANCIAL SVCS Total				146,730				**		146,730	
LAZARD FRERES & CO. Total				4,373,350						4,373,350	
LBI E Total		•		669,741						669,741	
LEHMAN BROTHERS INC Total M. DIEBCE SENNED SMITH INC EIXED OPER Total				417.384.586						417,384,586	
MCDONALDAND COMPANY SECURITIES, Ohio-Qualified	Ohio-Qualified		215,793,066	215,793,066	%290					215,793,066	
MCFADDEN FARRELL + SMITH INC. Total				10,613,929					144	10,613,929	
	Ohio-Qualified		695,732,603	695,732,603	2.16%					695,732,603	
MILLER TABAK ROBERTS SECS LLC Total				102,250						102,250	
NOTIONAL FINANCIAL SERVICES CORP. Total				1,805,540						1,805,540	
NOMURA CANADA CDS Total				40,271,931						40,271,931	
PENSION FINANCIAL SERVICES INC Total				482,463 7 580 020						482,463 7 580 020	
PERSHING DEJ & L TOTAL		-	_		20				_	amaianai.	

4,117,168	1,483,625	1,185,125	26,808,960	8,481,375	250,290	536,250	2,258,820	2,605,414	1,464,371	4,035,981	965,805	3,930,464	447,717	231,885,731	2,636,389,490	93,401,797	3,256,620	102,764,650	12,986,371	470,800	680'99	- \$ 32,190,706,174
=										_			7.52						_			5
																						N/A
																						NA
																						NIA
0.01%									%00.0						8.19%			0.32%				20.85%
4,117,168	1,483,625	1,185,125	26,808,960	8,481,375	250,290	536,250	2,258,820	2,605,414	1,454,371	4,035,981	965,805	3,930,464	447,717	231,885,731	2,636,389,490	93,401,797	3,256,620	102,764,650	12,986,371	470,800	680'99	32,190,706,174
4,117,168									1,454,371						2,636,389,490			102,764,650				\$ 6,712,271,159 \$
																						0
RAYMOND JAMES AND ASSOCIATES INC Ohio-Qualified	RBC CAPITAL MARKETS Total	RBC DOMINION SECURITIES CORPORATION Total	RYAN BECK+ CO Total	SALOMON BROTHERS INC Total	SALOMON SMITH BARNEY Total	SAMCO TRADING INC Total	SCOTIA CAPITAL (USA) INC Total	SG AMERICAS SECURITIES, LLC Total	SG COWEN SECURITIES CORP Total Ohio-Qualified	SPEAR, LEEDS & KELLOGG Total	T.P.C.G. CAPITAL S.A. Total	TORONTO DOMINION BANK OF NEW YORK Total	TPCG CAPITAL Total	TRUST/ASSET TRANSFERS OHIO Total	UBS WARBURG LLC Total Ohio-Qualified	UNION CAPITAL CORPORATION Total	US BANCORP PIPER JAFFRAY INC Total	WACHOVIA SECURITIES LLC Total Ohio-Qualified	WELLS FARGO SECURITIES Total	WESTDEUTSCHE LANDESBANK (FRANCE) Total	WESTLB Total	Total

Broker/Dealer

Subject to taxation in Ohio Authorized to conduct business in Ohio Principal place of business in Ohio/Employs Five People

OPERS OHIO-QUALIFIED FIXED INCOME BROKER/DEALER REPORT Reporting Period 7/1/03 - 6/30/04

to the court and Legal Sun order											
		-èHO			% Of Total \$		10 10 10 10 10 10 10 10 10 10 10 10 10 1	% of Total	\$ Amount of		% Of Total \$
	율	Qualified-	\$ Amount of	\$ Amount	Trades Executed	Commissions		Commissions	Trades Executed	\$ Amount	Trades Executed
	Qualified	Minority	Trades Executed	of Trades	Through	Pald To Ohio-	Commissions	Paid to	with Ohio-Qualified	of Trades	Through Oblo-
Broker/Dealer Retained by Public Fund	Broker/ Dealer	Broker/ Dealer	with Ohio-Qualified Broker/Dealers	Executed with All Broker/Dealers	Ohio-Qualified Broker/Dealers	Qualified Broken/Dealers	Paid To All Broken/Dealers	Ohio-Quaffed Broker/Dealers	Minority Broker/ Dealers	Executed with All Broker/Dealers	Qualified Minority Broker/Dealers
CITIGROUPGLOBAL MARKETS INC Total Ohio-Qualified J P MORGAN CHASELJ P MORGAN INTL TODIO-Qualified MCDONALDAND COMPANY SECURITIES, 10hio-Qualified MERRILL LYNCH Total Ohio-Qualified RAYMOND JAMES AND ASSOCIATES INC Ohio-Qualified SECOWEN SECURITIES CORP Total Ohio-Qualified UBS WARBURG LLC Total Ohio-Qualified Ohio-Qualified	Ohio-Qualified Ohio-Qualified Ohio-Qualified Ohio-Qualified Ohio-Qualified Ohio-Qualified		\$ 2,754,951,766 301,086,044 216,793,066 695,722,603 4,117,168 1,464,371 2,636,389,490	\$ 2,754,951,766 301,068,044 215,793,066 695,732,603 4,117,18 1,454,371 2,636,389,490	8.56% 0.67% 0.67% 0.01% 0.00% 8.19%	NIA	MA	NIA	47	\$ 2,754,981,766 301,083,044 215,793,066 695,732,603 4,117,168 1,454,371 2,636,389,490	
WACHOVIA SECURITIES LLC Total	Onto-Cualmed		102,764,650	102,764,650	U.3270					102,704,000	
Total	8	0	\$ 6,712,271,169 \$	\$ 32,190,706,174	20.85%	N/A	N/A	N/A	- \$	\$ 32,190,706,174	

Broker/Dealer

Subject to taxation in Ohio Authorized to conduct business in Ohio Principal place of business in Ohio/Employs Five People

PRELIMINARY

OPERS FIXED INCOME BROKER/DEALER REPORT (Internal and External Accounts) Reporting Period 7/1/04 - 3/31/05

Reporting Period 7/1/04 - 3/31/05					STATE OF THE PARTY	200000000000000000000000000000000000000			200	24 CANADA CONTRACTOR	
Broker/Deler Retained by Public Fund	Ohlo- Qualified Broker/ Dealer	Ohio- Qualiffed- Minority Brokeri Dealer	\$ Amount of Trades Executed with Ohio-Quatifed BrokertDealers	\$ Amount of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohio-Qualified Broken/Dealers	Commissions Paid To Ohio- Qualified Broker/Dealers	Commissions Paid To All Broker/Dealers	% of Total Commissions Pald to Ohio-Qualified Broker/Dealers	\$ Amount of Trades Executed with Ohlo-Qualified Minority Broker/ Dealers	\$ Amount of Trades Executed with All Broker/Dealers	% Of Total \$ Trades Executed Through Ohlo- Qualified Minority Broker/Dealers
											al characteristics
BANC OF AMERICA SECURITIES LLC Total			υ. -	741,635,722		N/A	ΝΑ	N/A	 Ф	\$ 741,635,722	
BANK OF AMERICA Total				1,477,500		0.00545-			2	1,477,500	
BANK ONE Total				12,859,981						12,859,981	
BEAR STEARNS + CO INC Total				3,203,707,329		-7.0.00			10,724,	3,203,707,329	
BLAYLOCK PARTNERS Total				39,722,453						39,722,453	
BNP PAKIBAS Total BNY CAPITAL MARKETS INC. Total				5,742,116						5,742,116	
BONY COUNTRYWIDE SEC CORP Total				90,767,619						90,767,619	
CHASE Total				1,641,793,301						1,641,793,301	
CIBC WORLD MARKE IS CORP LOSS				141,904,162					N. C. 102	1,626,683	
otal	Ohio-Qualified		1,723,046,053	1,723,046,053	4.70%					1,723,046,053	
CREDIT RESEARCH + TRADING LLC Total				1,351,273						1,351,273	
CREDIT SUISSE Total		- 3		2,298,765,800						2,298,765,800	
DEULSCHE TOTAL FIRST ALBANY CAPITAL INC. Total				2.944.570						1,946,773,253	
FREDDIE MAC SECURITIES + SALES Total				186,141,500						186,141,500	
FTB/FIRSTTENNESSEE SECURITIES CORP Total				786,313						796,313	
GOLDMAN SACHS + CO Total				450,771,031						450,771,031	
GREENWICHCAPITAL MARKETS, INC. 1088 HADDIS NESRITT CORP. RONDS Total				437,946,500						4.386.500	
HBSC SECURITIES Total				100,011,139		5 Sec.		ne		100,011,139	
JEFFERIES+ COMPANY INC Total				4,730,918						4,730,918	
	Ohio-Qualified		23,116,499	23,116,499	%90.0					23,116,499	
KBC FINANCIAL PRODUCTS INC USA Total				2,757,828						2,757,828	
LAZARD FRERES & CO. Total				49,737						49,737	
				4,520,531,875		, and the second				4,520,531,875	
MCDONALD AND COMPANY SEC. INC.	Ohio-Qualified		114,849,639	114,849,639	0.31%					114,849,639	
	7.01		444 400 707	/50'087'8	4 600/					100'087'A	
MERRILL LYNCH Total	Ohio-Qualified		586,263,774	085,253,774	1.60%					050,203,//4	
MILLER I ABAN ROBERTS SECS LLC TOWN MORGAN STANI EY CO INCORPORATED Total				2.711.603.578						2,711,603,578	
NOMURA CANADA CDS Total				1,207,834						1,207,834	
NOMURA SECURITIES/FIXED INCOME Total				€						(4)	
PENSION FINANCIAL SERVICES INC Total				25,438						25,438	
PERSONNO LE LOCALINA DE LA LINE ONIO DISPOSICIONE DA VALOND LA MESON AND ASSOCIATES INC. ONIO DISPOSICIONE	Ohio-Ouglified	100	2 066 863	2.066.863	0.01%					2.066.863	
REC CAPITAL MARKETS Total			and and	786,813						786,613	
C Total	Ohio-Qualified		1,040,376	1,040,375	%00'0					1,040,375	
				26,989,911						26,969,911	
SCOTIA CAPITAL (USA) INC Total				2,427,885						2,427,885	
SG AMERICAS SECURITIES, LLC Total				4,855,524						4,855,524	
SOCIETE GENERALE Total				203,910						203,910	
SPEAR, LEEDS & KELLOGG Total				647,779					3/0	587,779	
Total				11,931,998,414	10000					11,931,998,414	
LLC Total	Ohio-Qualified		1,671,694,272	1,671,694,272	4.56%					7,5/1,694,2/2	
WACHOVIA Total	Onio-Qualimed		#61,108,102	401,301,104	0.01 /8					401,100,104	
Total	8	0	\$ 4,329,014,668	\$ 36,656,632,022	11.81%	N/A	N/A	N/A		\$ 36,656,632,022	

Broker/Dealer

Subject to taxation in Ohlo Authorizad to conduct business in Ohio Principal place of business in Ohio/Employs Five People

OPERS OHIO-QUALIFIED FIXED INCOME BROKER/DEALER REPORT Reporting Period 7/1/04 - 3/31/05

Otilo- Qualifie Broker/Dealer Retained by Public Fund Dealer	•										
		Qualified-	\$ Amount of Trades Executed	\$ Amount of Trades	Trades Executed Through	Commissions Paid To Ohio-	Commissions	Commissions Paid to	Trades Executed with Ohio-Qualified	\$ Amount of Trades	Trades Executed Through Ohio-
	Broker/ Bro Dealer Dea	Broker/ Dealer	with Ohio-Qualified Broker/Dealers	Executed with All Broker/Dealers	Ohio-Qualified Broker/Dealers	Qualified Broker/Dealers	Paid To All Broker/Dealers	Ohio-Qualified Broker/Dealers	Minority Broker/ Dealers	Executed with All Broker/Dealers	Qualified Minority Broker/Dealers
CITIGROUP Total	Ohio-Qualified		\$ 1.723.046.053 \$	\$ 1.723.046.053	4.70%	N/A	N/A	N/A		\$ 1.723.046.053	
	Ohio-Qualified		23,116,499	23,116,499	0.06%					23,116,499	
COMPANY SEC. INC.	Ohlo-Qualified		114,849,639	114,849,639	0.31%					114,849,639	
MERRILL LYNCH Total Ohio-Qu	Ohio-Qualified	=	585,263,774	685,263,774	1.60%			110		685,263,774	
RAYMOND JAMES AND ASSOCIATES INC Ohio-Qualified	Jualified		2,066,863	2,066,863	0.01%					2,066,863	
RBC DAIN RAUSCHER INC Total Ohio-Qu	Ohio-Qualified		1,040,375	1,040,375	0.00%					1,040,375	
UBS SECURITIES LLC Total Ohio-Qu	Ohio-Qualified		1,671,694,272	1,671,694,272	4.56%					1,671,694,272	
WACHOVIA Total Ohio-Qu	Ohio-Qualified		207,937,194	207,937,194	%290					207,937,194	
Total	0		\$ 4329 014 668 \$	\$ 36.656.632.022	11.81%	N/A	N/A	N/A		\$ 36.656.632.022	

Broker/Dealer

Subject to taxation in Ohio Authorized to conduct business in Ohio Principal place of business in Ohio/Employs Five People

OPERS INVESTMENT MANAGERS REPORT Reporting Period 7/1/03 - 6/30/04

PRELIMINARY

Investment Management Firms Retained by Public Fund	Ohio- Qualified Investment Manager	Total Assets Under Management	Assets Managed by Ohio-Qualified investment Mgmt Firms as % of Total OPERS Assets	Assets Managed by Ohio-Qualified Investment Mgmt Firms as % of All Investment Managers Under Contract With OPERS	Compensation Paid to All Managers Under Contract With OPERS	Compesation Paid To All Ohio-Qualified Investment Managers	% of Total Compensation Paid that is Paid to Ohio-Qualifed Investment Managers
U.S. Equity BARCLAYS		\$ 1,089,597,425			\$ 249.983		
ALLIANCE BERNSTEIN LARGE CAP Ohio-Qualified	Ohio-Qualified	1,205,0	2.01%	2.78%	-	1,687,021	3.07%
WELLINGTON LARGE CAP FIDELITY SMALL CAP		1,115,593,296			2,496,043		
INVESCO SMALL CAP CAPITAL GUARDIAN		234,913,410			1,002,174		
International Fauity							
BANK OF IRELAND		386,764,039			1,033,329		
BGI ACWI X US ENHANCED PASSIVE		2,590,559,944			1,568,376		
BGI ACWI X US INDEX		2,795,627,597			446,162		
OECHSLE BARING		437,069,959			1,071,314		
TT INTERNATIONAL		478,287,433			625,373		
JP MORGAN FLEMING	Ohio-Qualified	460,971,535	%22.0	2.21%	1,263,115	1,263,115	2.30%
WALTER SCOTT & PARTNERS	Oriz Omitted	507,391,805	4 240/	707 6 7	1,243,781	0 030 646	4 4 40/
ALLIANCE BERNSTEIN	Onio-Qualified		%TC.T	4.34%	916,8/2,2	2,2/9,516	4.14%
SCODDER REMITER FIRST STATE		251,540,576			1,070,048		
LAZARD		146,155,930			726,859		
BOSTON COMPANY		263,211,920			1,304,335		
ACADIAN		300,208,476			442,314		
Global Fixed Income							
AFL CIO		99,136,341					
MORGAN STANLY CORE-PLUS		573,816,143			1,099,876		
SHENKMAN HIGH YIELD WR HUFF HIGH YIELD		331,221,068			1,544,703		
CAP GUARDIAN EMG MKT		273,208,437			1,059,937		
SALOMON EMG MKT		285,482,561			1,220,014		
Real Estate							
BRISTOL		723,275,119			3,394,516		
GREAT POINT		45,274,736			224,061		
LEGG MASON		60,400,000			248,044		
LOWE ROTHSCHILD	-	254,028,665			1,490,650		
SENTINEL		446,254,057	10707	70700	2,086,093	207 022	7000 7
TGM	Ohio-Qualified	607,119,905	%L0.L	7.91%	7,573,767	7,97,3,167	4.68%
Private Equity							
AIG GLOBAL EMERGING MARKETS FUND		23,204,287			496,175		
BLUE CHIP CAPITAL	Ohio-Qualified	22.297.269	0.04%	0.11%			
BRIDGEPOINT EUROPE							
CAMBIUM FUND		19,747,017					
CARLYLE PARTNERS		000			072.900.0		
CASTLE HARLAN PARTNERS		6,073,688			2,296,749		

CHARTERHOUSE CAPITAL PARTNERS CMEA VENTURES CODE HENNIESSY & SIMMONIS	10,902,897	26		711,768		
COLLER INTERNATIONAL PARTNERS ESSEX WOODLANDS HEALTH VENTURES	17,551,654 2,850,201	54 :01		1,126,546		
FIRST RESERVE FUND FS EQUITY PARTNERS	1,785,860	09	****	796,015		
GRANITE GLOBAL VENTURE HEI IMAN & FRIEDMAN CAPITAI PARTNERS						
KIRTLAND CAPITAL PARTNERS	140,508	80		400,000		
LINCOLNSHIRE EQUITY FUND LINSALATA CAPITAL PARTNERS	19.653.203	03	2-17-5			
MCM CAPITAL PARTNERS Ohio-Qualified	11,1	59 0.02%	0.05%			
NEW MOUNTAIN PARTNERS						
NORTHWEST OHIO VENTURE FUND						
OCM PRINCIPAL OPPORTUNITY FUND	7,193,391	91				
OHIO PERS/PATHWAY PRIVATE EQUITY FUND						
OPERS INTERNATIONAL TIMBER FUND	68,035,652	52		2,044,631		
PAUL CAPITAL TOP TIER INVESTMENT						
PERMIRA EUROPE	1,738,681	81	5.50			
PRIMUS CAPITAL FUND Ohio-Qualified	17,223,002	0.03%	0.08%			
PROVIDENCE EQUITY PARTNERS			100			
TPG PARTNERS	12,891,495	95		793,716		
Total External 7	\$ 20,836,543,692	2 5.38%	15.49% \$	55,037,408 \$	7,802,819	14.18%
Total Plan	\$ 60,004,955,918	∞				

Investment Mangement Firm

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

OPERS OHIO-QUALIFIED INVESTMENT MANAGERS REPORT Reporting Period 7/1/03 - 6/30/04

				Assets Managed			
		Total	Assets Managed	by Ohio-Qualified			% of Total
	Ohio-	Ohio-Qualified	by Ohio-Qualified	Investment Mgmt Firms	Compensation	Compesation	Compensation Paid
	Qualified	Assets	Investment Mgmt	as % of All Investment	Paid to All	Paid To All	that is Paid to
Investment Management Firms Referend by Public Fund	Investment	Under	Firms as % of Total OPERS Assets	Managers Under Contract With OPERS	Managers Under Contract With OPERS	Ohio-Qualified investment Managers	Ohio-Qualifed Investment Managers
		0				0	0
ALLIANCE BERNSTEIN LARGE CAP Ohio-Qualified	Ohio-Qualified	\$ 1,205,000,427	.27 2.01%	2.78%	1,687,021	\$ 1,687,021	3.07%
JP MORGAN FLEMING	Ohio-Qualified	460,971,	0.77%	2.21%	1,263,115	1,263,115	2.30%
ALLIANCE BERNSTEIN	Ohio-Qualified	904,677,223		4.34%	2,279,516	2,279,516	4.14%
TGM	Ohio-Qualified	607,119,		2.91%	2,573,167	2,573,167	4.68%
BLUE CHIP CAPITAL	Ohio-Qualified	22,297,	97,269 0.04%	0.11%			
MCM CAPITAL PARTNERS	Ohio-Qualified	11,122,	122,759 0.02%	%50.0			
PRIMUS CAPITAL FUND	Ohio-Qualified	17,223,	23,002 0.03%	%80.0			
						And the second subgroups	
Total External	7	\$ 3,228,412,120	20 5.38%	15.49%	\$ 55,037,408 \$	\$ 7,802,819	14.18%
Total Plan		\$ 60.004,955.8	55.918				
			1				

Investment Mangement Firm

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

OPERS INVESTMENT MANAGERS REPORT Reporting Period 7/1/04 - 3/31/05

PRELIMINARY

Comparison Com	Comparation	Comparation	Comparison Com					Accede Managed			
## WASTERN LARGE CA ONI-Qualified 15.0% and 1.50% 15.0% and 1.50% and 1.50% 15.0% and 1.50% an	### STATE OF THE CALL OF THE C	Profice Found Mininger Mini	### Control Note	investment Management	Ohlo- Qualified Investment	Total Assets Under	Assets Managed by Ohio-Qualified Investment Mgmt Firms as % of Total	by Ohlo-Qualifed Investment Mgmt Firms as % of All investment Managers Under	Compensation Paid to All Managers Under	Compesation Paid To All Ohlo-Qualified	% of Total Compensation Paid that is Paid to Ohlo-Qualified
1, 15, 0 to 2, 0 to	### 1151.016.50 ## 1,151.016.5	### 1150.05	116.00	rirms Ketained by Public Fund	Manager	Mallaganan	OTENS ASSESS	Colludet With Orens	Contract With OPERS	invesument managers	invesument managers
Table	Total Color	Comparison	1,224,545 1,524,545 1,524 1,52	U.S. Equity BARCLAYS				4		··	
1.0	The color	The control of the	1,17,244 1,17,244 1,17,244 1,135,444 1,134,444 1,134,444 1,134,444 1,134,444 1,134,444 1,134,444 1,134,444 1,134,4	ALLIANCE BERNSTEIN LARGE CA	A Ohio-Qualified	1,233,863,189	1.93%	2.52%	1,855,311	1,855,311	4.76%
Comparison	Comparison	Comparison	Comparison	WELLINGTON LARGE CAP FIDELITY SMALL CAP		1,171,358,401			1,392,444		
March Marc	Marchest	Comparison	NOTE	INVESCO SMALL CAP		247,788,515			551,050 326,651,85		
Equity Control Contr	Part	Equity E	Equity Control Contr								
NOTE	NO Companies 1,000,000	No. No. Comparison	NO Color	International Equity		200					
NODEX	INDEX 1,320,2865 1,270,386 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,270,386 1,288,770 1,288,770 1,288,770 1,288,770 1,288,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,289,770 1,290,7283 1,289,7286 1,289,7288 1,289,7289 1,289,7	NDEX	1,000 1,00	BANK OF IRELAND BGI ACWI X US ENHANCED PASSIVE		3.361.766.270			643,549 2.652.478		
VAMPER CASE 288 697 VAS 288 697	NUCK	NUCK 2,465,202.667 266,759.29 1,775.59 1,775.	NUCK 2,465,206 67 24,67,20 24,67,20 24,67,20	BRANDES		1,320,209,053			1,069,742		
1,777,990,999	The National Head	1,277,9459	NAM. 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,287 1,277,896,277 1,277,897,287 1,277,	BGI ACWI X US INDEX		2,495,828,667			626,261		
Final Continue	The control of the	FILEMING ONIo-Qualified 634,302,863 0.84% 2.27% 905,403 905,403 805,40	Table Cape	OECHSLE BARING		1,277,360,930			1,270,435		
FEMININGS Chic-Qualified Contro-Qualified C	Table Control Contro	Comparison	Comparison	TT INTERNATIONAL	Orlo Omenda	524,850,292	/0700	70200	417,420	200	9000
1,342,699,609 2,10% 6,71% 1,576,827 1,576,82	1,342,669,609 2,10% 6,71% 1,576,827 1,576,82	1,442,459,509 2,10% 6,71% 1,576,827 1,576,827	Comparison	WAI TER SCOTT & DARTNERS	OHO-Quaimen	662 678 737	0.04%	0/ 17.7	942 473	202,403	7.56.7
178.9972 178.999 1499.79 14997.29 178.999 14997.29 178.999 14997.29 178.999	Marie	100 100	Mark	ALLIANCE BERNSTEIN	Ohio-Qualified	1,342,559,509	2.10%	5.71%	1,575,827	1,575,827	4.05%
ANY 175 998-777 175 998-778 840-778 907-478 175 998-779 175 998-779 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 907-478 908-48 908-	1789 177 1789 177 1789 177 1789 177 1789 177 1789 177 1789 177 1789 177 1789 177 1789 177 1789 178 1899 177 1789 178 1899 177 1789 178 1899 177 1899 177 1899 177 1899 177 1899 177 1899 177 1899 177 1899 177 1899 177 1899 177 1899 178	175 698-737 175 698-737 224 788 240,478 240,480 240,48	175,989,770 204,478 304,478	CAPITAL GUARDIAN		602,347,896			1,999,144		
Miles	March Marc	Marcome	Marcome 19,225,666 19,312 19,31	FIRST STATE	-	291,879,678		-	840,478		
160 CAL 160	198,070,378 566,197	188,770,378 558,197	198,07378 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,197 566,198 568,197 569,198 568,198 56	LAZARD BOSTON COMPANY		304.884.760			307,972		
Macome 98,709.614 90,363 90,364	National	Machine 98,725,565 90,353 90,355 90,355 90,355 90,355 90,355 90,355 90,355 90,355 90,355 90,355 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,354 90,355 90,447 90,755 90,45	Marcone 89 709 614 90 963 90 702 518 90 963 90 703 614 90 963 90 703 614 90 963 90 7334 222 90 7334 222 90 963 90 963 90 7334 222 90 963 90 96	WELLINGTON		198,070,378			558,197		
Income 98,709,614 90,963 11,338,470 11,338,470 11,338,470 11,338,470 11,338,470 11,338,470 11,338,470 11,338,470 11,340,541 11,340,144 11,340,340	National 98,709,614 90,963 90,9	Macome Sep 709 614 St. 1, 534, 770 St. 1, 534, 722 St. 1, 534, 722 St. 1, 534, 722 St. 1, 546, 742 St. 1	MICTORNE 98,709,614 90,953 50,022 50,0	ACADIAN		387,225,565			602,396		
11 12 13 14 15 15 15 15 15 15 15	## STAGE STA	1888 470 1888 470 5 082	11	Global Fixed Income							
17.24.262 20.734.262 20.7	HASTINGS Ohio-Qualified Oxigo 2007, 344, 767 Oxigo 347, 228 Oxigo 348 Oxigo 348 Oxigo 448 Oxigo 644 Oxigo 648 Oxigo 644 Oxigo 648 Ox	## YIELD 807,344,225	ST ST ST ST ST ST ST ST	AFL CIO		98,709,614			630 00		
## MICT 182,245,997 F676,604 182,244,421 F68,945 F68,945 182,244,421 F68,951 F68,961 182,241,182,653 F676 F69,961 182,283,673 F676,604 182,283,674 F67,124 182,283,673 F676,685 182,283,674 F676,685 182,283,675 F676,685 182,283,675 F676,685 182,243,685 F676,685 182,242,258,295 F676,685 196,600 F676,686 1967,268 F676,685 1867,268 1867,268 F676,685 1867,268	## YPELD 352,745,997 759,961 759,962 759,961 759,961 759,961 759,961 759,961 759,7268 759,72768 759	1982 1982 1983 1984 1985	Second	SMITH BREEDEN FIDELITY		307,334,252			5,082		
1893,447,421 789,481 789,481 789,481 789,481 789,481 789,481 789,481 789,481 782,283,679 3.931,647 782,283,679 3.931,647 782,283,679 3.931,647 782,283,679 3.931,647 782,283,679 782,283,679 782,283,679 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,283,78 782,784 782,784 782,784 782,784 782,784 782,788 782,	188.344	TREE D T	188,318,47,421 188,447,421 188,447,421 188,447,421 188,447,421 188,447,421 188,447,421 188,447,421 188,447,421 188,448 188,134 188,488 188,134 188,488 188,134 188,488 188,134 188,488 188,134 188,488 188,134 188,488 188,134 188,1	SHENKMAN HIGH YIELD		352,745,997			676,604		
MKT MKT MINITER MINITER MINITER MINITER MACK MINITER MINITER MACK MINITER MACK MINITER MACK MINITER MACK	MKT 102,293,674 MKT 102,293,674 HASTINGS 103,104,105 101,203,375 1010-Qualified 1010,203,716 1010,203,116	MKT	Find MrT 1043,012 1041,013 1041,014	WR HUFF HIGH YIELD		329,447,421			759,951		
HASTINGS 1,584,689	HASTINGS HASTINGS COhio-Qualified TR2,293,679 3,931,647 1,584,689 2,655,495 2,555,495 2,555,495 2,555,495 2,555,495 2,255,495 2,555,495 2,255,495 2,22,335 2,64,180,813 3,16,813 3,16,811,844 56,226,474 56,226,495 56,226,474 56	T82,293,679	782_293,679 T82_293,679 T84_154,649 T84_154,149 T84_154_154,149 T84_154_154,149 T84_154_154_154 T84_154_154 T84_154_15	GOLDEN I REE AM LA CAP GUARDIAN EMG MKT		324,189,653			490,154		
HASTINGS 1,584,689 2.06,774,045 1	HASTINGS 782,283,679 3,91,647 1,584,689 206,374,045 5,495,712 190,203,375 112,564 11540,340 1,540,340 1,095,600 1,095,600 1,095,600 1,097,268	HASTINGS T82,283,679 3,931,647 1,546,889 2,06,374,045 6,495,712 190,203,375	HASTINGS 782,293,679 782,293,679 782,293,679 1,584,689 206,374,045 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,00,040 1,101,04	SALOMON EMG MKT		325,995,414			641,247		
HASTINGS 782,293,679 2,555,495 2,555,495 2,555,495 2,555,495 2,555,495 2,555,495 2,555,495 2,531,447 1,584,689 206,374,045 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 2,746,495 1,997,268 1,997,268	HASTINGS 782,293,679 2,555,495 2,555,495 3,331,647 1,584,689 206,374,045 196,2712 190,203,375 172,564 880,304 56,226,474 2,222,756,465 1,095,600 1,095,600 1,997,268 1,997,268 1,997,268	HASTINGS 782,293,679 1,584,689 206,374,045 11 11 11 11 11 11 120,203,375 11 122,335 112,584 112,584 11,584,340 11,095,600 11,095,600 11,095,600 11,997,268	HASTINGS 182,283,679 18,184,689 19,0,374,045 19,0,20,375 19,0,20,375 1172,584 1172,584 1172,584 11,540,340 11,997,268 11,997,268	Real Estate					31500011		
HASTINGS 206,374,045 11 21,584,689 206,374,045 21,100,375 21,235 22,335 24,184 24,180,813 25,226,474 242,582,295 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,757 27,767 2,74% 2,74% 2,74% 2,74% 2,74% 1,997,268	HASTINGS 206,374,045 11 206,374,045 206,374,045 21,584,689 206,374,045 21,005,044 24,180,813 24,186,195,195 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 252,755,465 274% 274% 274% 277	HASTINGS 1,584,689 989,832 989,832 989,832 989,832 989,832 989,832 989,712 190,203,375 172,564 980,304 980,304 980,304 980,304 980,14,805 17,554,465 1,097,268 1,997,268 1,997,268	HASTINGS 206,374,045 1 564,689 206,374,045 1 172,684 880,304 880,304 880,304 880,304 880,614,805 252,755,465 1,095,600 1,097,268 1,997,268	BRISTOL	-	782,293,679			2,555,495		
206,374,045 989,832 5,485,712 190,833 172,584 18,811,684 316,813 172,584 252,755,465 1,097,268 262,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 2.74% 1,997,268 263,372,767 1.01% 1.01% 1,997,268 263,372,767 1.01% 1.01% 1.01% 1,997,268 263,372,767 1.01% 1.01% 1.01% 1,997,268 263,372,767 1.01% 1.01% 1.01% 1,997,268 263,372,767 1.01%	206,374,045 989,832 989,832 5,485,712 190,03,375 172,584 173,584	206,374,045 1 5,465,712 1 989,832 1 5,405,712 1 90,203,375 64,180,813 24,180,813 24,180,813 24,180,814 24,180,814 252,755,465 27,74% 27,74% 1,997,268	5,485,712 5,485,712 232,335 172,564 880,304 5,485,712 190,203,375 172,564 880,304 2,258,285 80,614,805 2,744 1,997,268 1,9	BRYANSION CBA HUNTOON HASTINGS		1,584,689					
19,203,715	19,203,715	19,203,712 232,335 172,564 172,564 172,564 172,564 1,540,340 1,997,268 1	19,540,712 10,203,375 64,180,813 56,2254,74 242,258,295 80,614,805 22,755,465 Ohio-Qualified 643,972,767 1,997,268	FAISON		206,374,045			989,832		
64,180,813 172,564 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 880,304 80,514,805 80,614,805 757,757 1.01% 2.74% 1,997,268 1,997,268	64,180,813 316,811,684 542,258,244 242,258,295 80,614,805 80,614,805 252,755,465 1,095,600 1,095,600 1,997,268	64,180,813 916,811,684 56,226,474 242,288,295 80,614,805 80,614,805 222,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268	64,180,813 316,811,684 36,226,474 242,258,295 80,614,805 222,756,465 Ohio-Quaiified 643,972,767 1.01% 2.74% 1,997,268	FREMONT SSP II GREAT POINT		190,203,375			232,335		
510,511,504 524,258,256 80,614,805 252,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268	910,511,904 242,258,295 80,614,805 252,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268	56.226,474 242,258,295 80,614,805 252,755,465 Ohio-Quaiffied 643,972,767 1.01% 2.74% 1,997,268 1,997,268	910,004 242,258,295 80,614,805 252,755,465 Ohio-Quaiffied 643,972,767 1.01% 2.74% 1,997,268	LEGG MASON		64,180,813			172,564		
242,258,295 80,614,805 252,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	242,258,295 80,614,805 222,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	242,258,295 80,614,805 252,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	242,258,295 80,614,805 252,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268	-OWE PRUDENTIAL		56,226,474			Poc'000		
252,755,465 1.01% 2.74% 1,997,268 1,997,268	25.755,465	252,755,465 1.01% 2.74% 1,997,268 1,997,268 1,997,268	22,755,465 Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	ROTHSCHILD		242,258,295			1,540,340		
Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	Ohio-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	Ohlo-Qualified 643,972,767 1.01% 2.74% 1,997,268 1,997,268	SENTINE		252,755,465			1,095,600		
				TGM	Ohio-Qualified	643,972,767	1.01%	2.74%	1,997,268	1,997,268	5.13%

																												6,333,810			
	261,576				836,110	621,955			1,123,454		166,322	750,000			35,304	287,500			477,090								1,345,777	\$ 38,966,222 \$			
		0.11%																0.03%							0.08%			16.18%			
		0.04%																0.01%							0.03%			2.96%			0.10
_	25,293,298 143,042,708		13,110,609		21,101,493	28,113,235	2,148,172		14,936,309	7,400,205	11,286,650	8,376,159	2,210,919	4,405,000	1,210,327	66,471	29,475,990	7,278,699	3,513,030	15,238,347		42,301,552		15,278,340	18,624,385		25,256,401	\$ 23,517,608,670	\$ 63.858.659.425		
Private Fruitv	AG GLOBAL EMERGING MARKETS FUND BLACKSTONE CAPITAL PARTNERS	BLUE CHIP CAPITAL Ohio-Qualified	CAMBIUM FUND	CARLYLE PARTNERS	CASTLE HARLAN PARTNERS	CHARTERHOUSE CAPITAL PARTNERS	CMEA VENTURES	CODE, HENNESSY & SIMMONS	COLLER INTERNATIONAL PARTNERS	ESSEX WOODLANDS HEALTH VENTURES	FIRST RESERVE FUND	FS EQUITY PARTNERS	GRANITE GLOBAL VENTURE	HELLMAN & FRIEDMAN CAPITAL PARTNERS	KIRTLAND CAPITAL PARTNERS	LINCOLNSHIRE EQUITY FUND	LINSALATA CAPITAL PARTNERS	MCM CAPITAL PARTNERS Ohio-Qualified	NEW MOUNTAIN PARTNERS	OCM PRINCIPAL OPPORTUNITY FUND	OHIO PERS/PATHWAY PRIVATE EQUITY FUND	OPERS INTERNATIONAL TIMBER FUND	PAUL CAPITAL TOP TIER INVESTMENT	PERMIRA EUROPE	PRIMUS CAPITAL FUND Ohio-Qualified	PROVIDENCE EQUITY PARTNERS	TPG PARTNERS	Total	Total Plan	local I fair	

Investment Mangement Firm

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

OPERS OHIO-QUALIFIED INVESTMENT MANAGERS REPORT Reporting Period 7/1/04 - 3/31/05

	i	Total	Assets Managed	Assets managed by Ohlo-Qualified			% of Total
Investment Management Firms Retained by Public Fund	Onio- Qualified Investment Manager	One-Quaffied Assets Under Management	by Ohio-Quaimed Irvestment Mgmt Firms as % of Total OPERS Assets	investment ingint Firms as % of All investment Managers Under Contract With OPERS	Compensation Paid to Ali Managers Under Contract With OPERS	Compesation Paid To All Ohio-Qualified Investment Managers	compensation Paid that is Paid to Ohlo-Qualified investment Managers
AI JANCE BERNSTEIN LARGE CA Obio-Qualified	A Ohio-Oualified	\$ 1,233.863.189	1.93%	6.25%	1,855,311	69	4.76%
JP MORGAN FLEMING	Ohio-Qualified	634,302,863	_	2.27%	905,403		2.32%
ALLIANCE BERNSTEIN	Ohlo-Qualified	1,342,669,509		6.71%	1,575,827	1,575,827	4.05%
TGM	Ohlo-Qualified	643,972,767		2.74%	1,997,268	1,997,268	5.13%
BLUE CHIP CAPITAL	Ohio-Qualified	25,313,349		0.11%			
MCM CAPITAL PARTNERS	Ohio-Qualified	7,278,699	0.01%	0.03%			
PRIMUS CAPITAL FUND	Ohio-Qualified	18,624,385		0.08%	1		
Total	7	\$ 3,805,914,761	1 5.96%	16.18%	\$ 38,955,222 \$	\$ 6,333,810	16.26%
Total Plan		\$ 63,856,659,425	ا ما				

Investment Mangement Firm

Total Plan

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

INVESTMENT MANAGER FUNDINGS IN PROCESS JUNE 2005

Manager	Date of Hire	Assets (millions)	Mandate	Ohio Minority & Emerging Manager Qualifications
Golden Tree	May 2004	\$150	High Yield	Emerging
Goode	December 2004	\$0 - 5 + future cashflows	Stable Value	Ohio-qualified
Piedmont	June 2005	\$20	Enhanced U.S. Index	Minority Emerging
J. P. Morgan	Estimated June 2005	\$20	Enhanced U.S. Index	Ohio-qualified
Barclays	Estimated June 2005	\$600	Enhanced U. S. Index	None
Goldman	Estimated June 2005	\$400	Enhanced U. S. Index	None
Pimco	Estimated June 2005	\$20	Enhanced U. S. Index	None
ING Clarion	Estimated June 2005	\$25	High Yield CMBS	None