Performance Data

Period ending June 30, 2011



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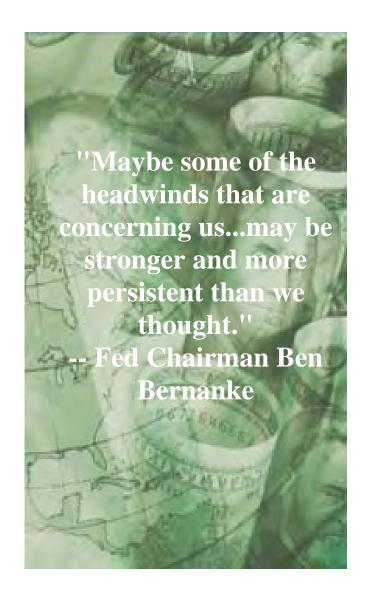
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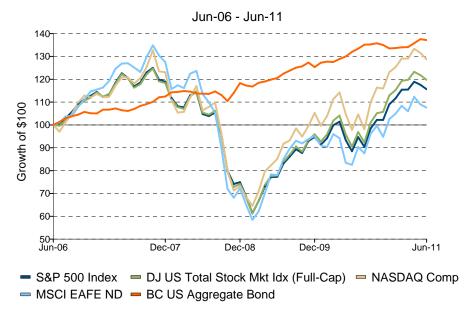


	Qtr	6 Mos.	1 Yr	3 Yrs	5 Yrs	10 Yrs
S&P 500 Index	0.10	6.02	30.69	3.34	2.94	2.72
DJ US Total Stock Mkt Idx (Full-Cap)	-0.05	6.01	32.26	4.33	3.66	3.86
NASDAQ Comp	-0.27	4.55	31.49	6.55	5.18	2.53
NASDAQ 100	-0.60	4.83	33.69	8.17	8.43	2.42
Russell 1000 Index	0.12	6.37	31.93	3.68	3.30	3.21
Russell 1000 Value Index	-0.50	5.92	28.94	2.28	1.15	3.98
Russell 1000 Growth Index	0.76	6.83	35.01	5.01	5.33	2.24
Russell 2000 Index	-1.61	6.21	37.41	7.77	4.08	6.27
Russell 2000 Value Index	-2.65	3.77	31.35	7.09	2.24	7.53
Russell 2000 Growth Index	-0.59	8.59	43.50	8.35	5.79	4.63
MSCI EAFE ND	1.56	4.98	30.36	-1.77	1.48	5.66
MSCI EAFE Small Cap ND	0.85	3.84	36.41	3.26	2.32	10.09
MSCI Europe ND	2.44	9.05	36.02	-2.00	2.02	6.15
MSCI Japan ND	0.18	-4.76	13.01	-4.34	-3.76	1.39
MSCI EM ND	-1.15	0.88	27.80	4.22	11.42	16.20
DJ World Real Estate	2.20	4.48	31.87	2.24	1.05	9.76
DJ US Select REIT Index	3.97	10.93	34.95	4.71	1.67	10.53
ML 3-month T-Bill	0.04	0.08	0.16	0.42	2.00	2.13
BC US Gov 1-3Y Bonds	0.81	0.88	1.38	3.05	4.27	3.75
BC US Gov/Corp Bonds	2.32	2.61	3.68	6.17	6.35	5.74
BC US Aggregate Bond	2.29	2.72	3.90	6.46	6.52	5.74
BC US Gov Long Bonds	3.25	2.37	-0.80	5.97	7.22	6.93
BC US Corp Long Bonds	2.66	2.91	5.96	10.14	7.76	7.26
BC US High Yield Bonds	1.05	4.97	15.63	12.68	9.30	8.99
BC TIPS	3.66	5.81	7.74	5.28	6.91	6.95
Consumer Price Index	1.01	2.99	3.56	1.04	2.15	2.40

Unemployment rate (seasonally adjusted)

Broad Markets - Five Years



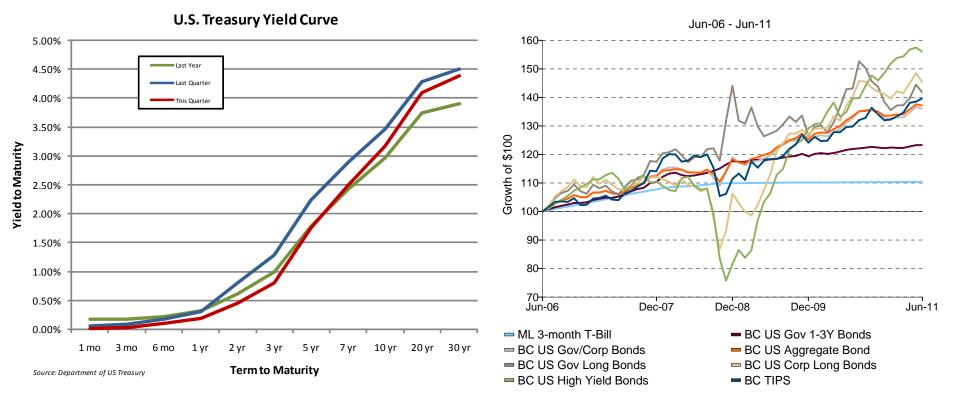


Note: Cross-hatched area represents recession.

Market Commentary

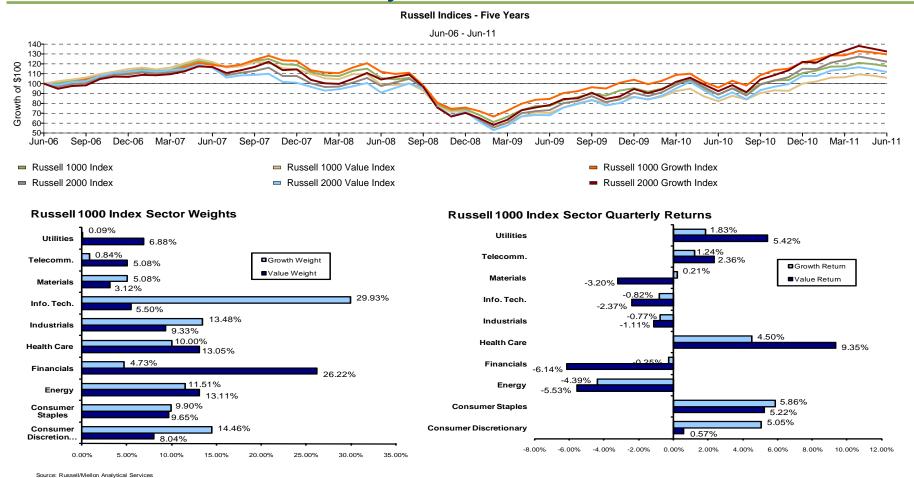
- Volatility and risk aversion returned to the markets, as increased uncertainty drove investors to higher quality assets.
- The U.S. stock market was mixed in response to slowing global economic growth, disappointing U.S. economic data, and worries about a possible default by heavily indebted Greece.
- The international equity markets were mixed on concerns about the European debt crisis and the ongoing impact of the Japanese earthquake.
- As the quarter ended, investors increased their holdings in bonds but decreased their holdings in stocks. For the quarter, bond funds had net inflows of \$48.0 billion, while stock funds had net outflows of \$18.2 billion. Total money market mutual fund assets decreased by \$53.0 billion to \$2.683 trillion.
- The unemployment rate rose from 8.8% to 9.2%, though total employment increased by 260,000 jobs.
- The price of oil decreased from \$103 per barrel to \$96 during the quarter, a decrease of 6.8%.
- For the three months ending June 30, 2011, annualized seasonally adjusted CPI U was 1.5%. Rising prices for lodging away from home drove the increase.





US Bond Market

- Most fixed income markets rose in the 2nd quarter, as investors shifted from lower quality bonds to higher quality bonds.
- The short end of the yield curve remained unchanged as the Fed maintained its near-zero interest rate policy.
- Interest rates declined modestly in the 2- and 30-year Treasury rates.
- Municipal bonds were the best performing sector this quarter, up 3.9%, on continued low supply, improving state and municipal finances, and easing concerns about potential defaults.
- High-yield bonds were the worst performing sector this quarter, up 1.1%, as investors avoided riskier sectors of the bond market.
- 91-Day T-Bill returned 0.04% in the second quarter as compared with 0.05% in the first quarter.



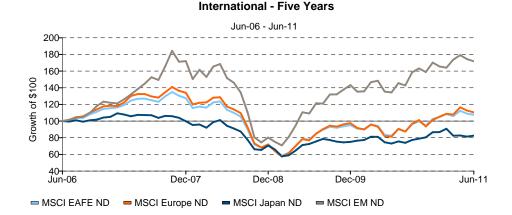
US Stock Market

- The major domestic equity indices were mixed for the quarter. The large-cap Russell 1000 Growth Index had the best return, up 0.8%.
- Large-cap stocks outperformed small-caps, up 0.1% versus -1.6%.
- In comparing styles, growth stocks did better than value stocks.
- REITs had a solid quarter, up 4.0%, due to rising demand and limited new supply. The best performing sectors were regional malls and apartments.
- Health care was the best performing sector on strong earnings, mergers and acquisitions, and a shift to more defensive stocks by investors.
- Financials were the worst performing sector, as banks faced the possibility of higher capital requirements and a lack of loan growth.



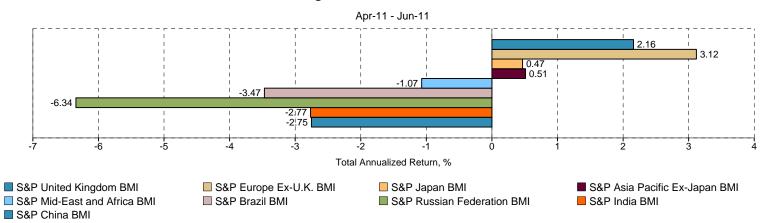
Currency Exchange Rates

	Units per US Dollar							
	This Quarter	Last Quarter	% Change					
Brazil Reais	1.56	1.63	-4.05%					
China Yuan Renminbi	6.46	6.54	-1.23%					
Euro	0.69	0.70	-2.29%					
India Rupees	44.60	44.40	0.45%					
Japan Yen	80.66	82.81	-2.60%					
Mexico Pesos	11.72	11.92	-1.65%					
Russia Rubles	27.88	28.41	-1.86%					
United Kingdom Pounds	0.62	0.62	-0.06%					



Source: www.xe.com

Regional Performance - Quarter



International Markets

- The dollar fell against the euro, yen, pound, and most emerging market currencies.
- For the quarter, the EAFE Index was up 1.6% while Emerging Markets declined 1.2%. Local currency returns for the EAFE Index and Emerging Markets were -0.8% and -2.7%, respectively.
- Among the major international regions, European stocks had the highest return (+3.1%) on strong earnings, robust merger activity, and Greece's approval of an austerity plan that will secure more bailout funds.
- Stocks in Russia had the lowest return (-6.3%) due to lower prices in oil and gas.
- Small-cap stocks, up 0.9%, underperformed large-cap stocks.

Index Definitions and Modern Portfolio Theory Definitions

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INDEX DEFINITIONS

Russell 1000 – Made up of the 1000 largest companies within the Russell 3000 index. It is also known as the Market-Oriented Index because it represents the group of stocks from which most active money managers choose.

Russell 2000 – A small-cap index consisting of the smallest 2000 companies in the Russell 3000 index, representing approximately 8% of the Russell 3000 total market capitalization.

Russell 2500 – A small-cap index consisting of the smallest 2500 companies in the Russell 3000 index, representing approximately 20% of the Russell 3000 total market capitalization.

Russell 3000 – An index composed of 3000 large U.S. companies, as determined by market capitalization. This portfolio of securities represents approximately 98% of the investable U.S. equity market.

S&P 500 – The Standard & Poors 500 is a commonly used benchmark of the U.S. equities market. This market capitalization-weighted index includes 500 leading companies in leading industries of the U.S. economy.

S&P 500 Equal Weighted – An index of the same stocks as those in the S&P 500, but with equal dollar investments in each issue.

S&P 600 Small Cap – An index designed to measure the performance of the small capitalization sector of the U.S. equities market. This index consists of 600 domestic stocks chosen for market size, liquidity, (bid-asked spread, ownership, share turnover and number of no trade days) and industry group representation.

S&P MidCap 400 – An index designed to measure the performance of the middle capitalization sector of the U.S. equities market. This market capitalization weighted index was created in June of 1991 and consists of 400 domestic stocks from the NYSE, NASDAQ and AMEX chosen for market size, liquidity and industry group representation. Each stock added to the index must represent a viable enterprise and must be representative of the industry group to which it is assigned. The market price of each security in the index must be responsive to changes in industry affairs. Aggregate market value of the stock and its trading activity are important considerations in the selection process.

Wilshire 5000 – Measures the performance of all U.S. common equity securities, and so serves as an index of all stock trades in the United States.

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MSCI EAFE – The index is listed for foreign stock funds (EAFE refers to Europe, Australasia, and Far East). Widely accepted as a benchmark for international stock performance, the EAFE index is an aggregate of 21 individual country indexes that collectively represent many of the major markets of the world.

MSCI Emerging Markets – A capitalization-weighted index of stocks from 25 emerging markets that only includes issues that may be traded by foreign investors. Consists of equities from emerging markets in Argentina, Brazil, Chile, China, Colombia, Czech Republic, Egypt, Hungary, India, Indonesia, Israel, Jordan, Korea, Malaysia, Mexico, Morocco, Pakistan, Peru, Philippines, Poland, Russia, South Africa, Taiwan, Turkey and Thailand.

MSCI World Ex-US – An index that measures the performance of the developed stock markets of the following developed countries: Australia, Austria, Belgium, Canada, Denmark, Finland, France, Germany, Greece, Hong Kong, Ireland, Italy, Japan, Netherlands, New Zealand, Norway, Portugal, Singapore, Spain, Sweden, Switzerland and the United Kingdom.

Citigroup Broad Investment Grade – An index that spans the "available" market for U.S. Treasury/agency securities, investment grade corporate bonds (BBB or better) and mortgage pass-through securities.

Barclays Capital U.S. Aggregate – An index that includes fixed rate debt issues rated investment grade or higher by Moody's Investor's Service, Standard and Poor's Corporation, or Fitch Investor's Service, in that order. (It also includes Commercial Mortgage Backed Securities.) Bonds or securities included must be fixed rate, although they can carry a coupon that steps up or changes according to a predetermined schedule; must be dollar-denominated and nonconvertible; and must be publicly issued. All issues have at least one year to maturity with intermediate indices including bonds

Barclays Capital Mortgage-Backed – An index that includes 15 and 30 year fixed rate securities backed by mortgage pools of the Government National Mortgage Association (GNMA), Federal Home Loan Mortgage Corporation (FHLMC), and Federal National Mortgage Association (FNMA).

Barclays Capital 1-3 Yr US Government – An index that includes securities issued by the U.S. Government (i.e., Treasury and Agency Securities) with a maturity from one year up to but not including three years.

Barclays Capital U.S. Tips – An index that consists of Inflation-Protection securities issued by the U.S. Treasury.

NCREIF Property – An index that is also known as the NPI or Combined Index. It consists of both equity and leveraged properties, but the leveraged properties are reported on an unleveraged basis. So, the index is completely unleveraged. The universe of properties includes: Existing properties only – no development projects; only investment-grade, non-agricultural, income-producing properties: apartment, industrial, office and retail; the database increases quarterly as participants execute transactions and as new members join NCREIF and submit data; sold properties are removed from the index in the quarter the sale takes place but the historical information remains in the database; each property's market value is determined by real estate appraisal methodology, consistently applied.

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MODERN PORTFOLIO THEORY DEFINITIONS

Alpha – risk-adjusted measure of an investment manager's skill. It measures the difference between a portfolio's actual return and the results one would expect from an average portfolio with the same level of market risk, as measured by beta.

Beta – measures a portfolio's sensitivity to changes in the market. Here the market is the benchmark selected for the study. A portfolio's Beta is computed by regressing the portfolio excess returns over the excess returns of the benchmark.

Down-Market Capture Ratio – measures what portion of the market performance (benchmark) was captured by the manager over a period where the benchmark posted a negative return.

Information Ratio – measure of return per unit of risk. It measures a portfolio's risk-adjusted return by subtracting the *benchmark return* from the portfolio's return, divided by the standard deviation of the excess return (tracking error).

R-Squared – calculates how well the variability of returns of a portfolio is explained by movements in the benchmark.

Returns-Based Style Analysis – method used to examine the performance of a manager in relation to a number of benchmarks. Style analysis does not show the actual holdings of the portfolio. The return behavior of an account is measured and attributed to any number of style benchmarks.

Sharpe Ratio – measure of return per unit of risk. It measures a portfolio's risk-adjusted return by subtracting the *risk-free rate* of return from the portfolio's return, divided by the portfolio's standard deviation of returns.

Standard Deviation – measure of total risk. It measures the variability of a portfolio's returns around the portfolio's expected return.

Tracking Error – measures the standard deviation of the portfolio's excess return over the benchmark. It indicates the extent to which period-to-period returns vary about the average return of the entire period.

Up-Market Capture Ratio – measures what portion of the market performance (benchmark) was captured by the manager over a period where the benchmark posted a positive return.

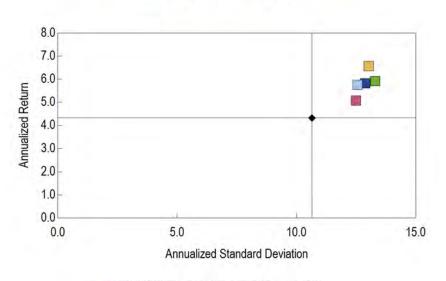
					End	ding Jun	e 30, 2011			
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
Public Employees Retirement System (DB)	5.4%	11	23.2%	19	3.9%	62	4.7%	70	5.8%	40
PERS (DB) Total Fund Benchmark	<u>5.7%</u>	5	22.6%	24	<u>4.0%</u>	60	<u>4.7%</u>	70	<u>5.7%</u>	44
Over/Under	-0.3%		0.6%		-0.1%		0.0%		0.1%	
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
Public Employees Retirement System (HC)	5.0%	24	22.6%	24	5.0%	41	5.2%	52		
PERS (HC) Total Fund Benchmark	<u>4.9%</u>	33	22.2%	26	<u>4.9%</u>	42	<u>5.5%</u>	49		
Over/Under	0.1%		0.4%		0.1%		-0.3%			
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
State Teachers Retirement System	5.7%	5	22.8%	22	3.1%	77	4.6%	74	5.9%	36
STRS Total Fund Benchmark	<u>5.4%</u>	14	<u>22.4%</u>	25	<u>3.3%</u>	71	<u>4.4%</u>	82	<u>5.5%</u>	50
Over/Under	0.3%		0.4%		-0.2%		0.2%		0.4%	
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
Ohio Police & Fire	6.7%	1	26.6%	1	4.5%	56	5.5%	47	6.6%	8
OPF Total Fund Benchmark	<u>6.1%</u>	1	<u>23.9%</u>	11	<u>3.5%</u>	66	<u>4.5%</u>	78	<u>5.8%</u>	41
Over/Under	0.6%		2.7%		1.0%		1.0%		0.8%	
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
School Employees Retirement System	4.9%	30	20.9%	37	2.0%	95	3.7%	96	5.1%	76
SERS Total Fund Benchmark	<u>4.9%</u>	30	<u>17.8%</u>	70	<u>2.9%</u>	80	<u>4.3%</u>	83	<u>5.1%</u>	76
Over/Under	0.0%		3.1%		-0.9%		-0.6%		0.0%	
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
Highway Patrol Retirement System	3.5%	71	20.0%	52	3.6%	65	4.2%	84	5.8%	43
HPRS Total Fund Benchmark	<u>6.5%</u>	1	<u>23.5%</u>	16	<u>5.0%</u>	41	<u>5.5%</u>	47	<u>5.9%</u>	39
Over/Under	-3.0%		-3.5%		-1.4%		-1.3%		-0.1%	

All total fund returns are reported gross of fees.
All returns are for periods ending 6/30/2011. Returns for periods longer than one year are annualized. Rankings are derived from placement in the InvestorForce All Public Defined Benefit Universe.

Statistics Summary
10 Years Ending June 30, 2011

	Anlzd Return	Anlzd Standard Deviation	Sharpe Ratio	Information Ratio
Public Employees Retirement System (DB)	5.83%	12.87%	0.30	0.18
PERS (DB) Total Fund Benchmark	5.70%	12.86%	0.29	
State Teachers Retirement System	5.92%	13.30%	0.30	0.58
STRS Total Fund Benchmark	5.51%	13.05%	0.27	
Ohio Police & Fire	6.57%	13.03%	0.36	0.73
OPF Total Fund Benchmark	5.79%	13.29%	0.29	
School Employees Retirement System	5.08%	12.49%	0.25	0.02
SERS Total Fund Benchmark	5.06%	11.85%	0.26	
Highway Patrol Retirement System	5.75%	12.56%	0.30	-0.06
HPRS Total Fund Benchmark	5.87%	12.77%	0.31	

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



- Public Employees Retirement System (DB)
- State Teachers Retirement System
- Ohio Police & Fire
- School Employees Retirement System
- Highway Patrol Retirement System
- 60/40 S&P 500/BC Aggregate

Systems Domestic Equity

Ending	ı June	30.	2011
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	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank
ORSC Domestic Equity										
PERS(DB) Domestic Equity	6.4%	54	32.5%	62	3.7%	70	3.1%	78	3.5%	79
Russell 3000	<u>6.4%</u>	55	<u>32.4%</u>	62	<u>4.0%</u>	67	<u>3.4%</u>	75	<u>3.4%</u>	80
Over/Under	0.0%		0.1%		-0.3%		-0.3%		0.1%	
PERS(HC) Domestic Equity	6.4%	54	32.5%	62	3.7%	70	3.1%	78		
Russell 3000	<u>6.4%</u>	55	<u>32.4%</u>	62	<u>4.0%</u>	67	<u>3.4%</u>	75	<u>3.4%</u>	80
Over/Under	0.0%		0.1%		-0.3%		-0.3%			
STRS Domestic Equity	6.8%	48	33.3%	57	4.5%	62	3.1%	78	3.2%	82
STRS Domestic Equity Benchmark	<u>6.4%</u>	55	<u>32.4%</u>	62	<u>4.0%</u>	67	<u>3.4%</u>	75		
Over/Under	0.4%		0.9%		0.5%		-0.3%			
OP&F Domestic Equity	6.8%	49	35.7%	46	6.2%	46	4.7%	54	4.7%	63
Wilshire 5000	<u>6.1%</u>	59	<u>32.0%</u>	64	<u>4.0%</u>	67	<u>3.4%</u>	73	<u>3.7%</u>	76
Over/Under	0.7%		3.7%		2.2%		1.3%		1.0%	
SERS Domestic Equity	6.4%	54	33.8%	54	4.7%	59	3.0%	81	3.4%	80
Russell 3000	<u>6.4%</u>	55	<u>32.4%</u>	62	<u>4.0%</u>	67	<u>3.4%</u>	75	<u>3.4%</u>	80
Over/Under	0.0%		1.4%		0.7%		-0.4%		0.0%	
HPRS Domestic Equity	6.8%	48	33.5%	56	6.0%	47	4.2%	61	5.4%	56
HPRS Domestic Equity Benchmark	<u>6.7%</u>	50	<u>33.5%</u>	56	<u>4.9%</u>	57	<u>3.7%</u>	69	<u>4.3%</u>	68
Over/Under	0.1%		0.0%		1.1%		0.5%		1.1%	

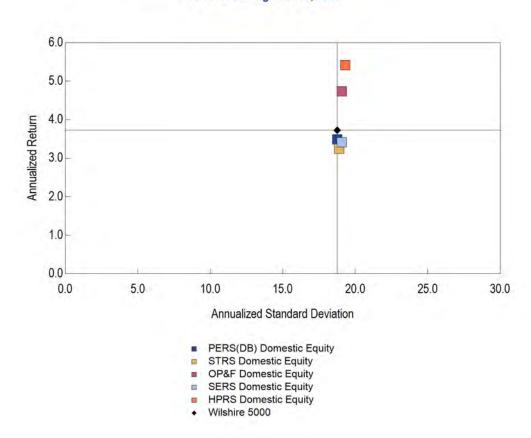
All domestic equity returns are reported gross of fees.

All returns are for periods ending 6/30/2011. Returns for periods longer than one year are annualized. Differences may exist due to rounding.

Statistics Summary 10 Years Ending June 30, 2011

Anlzd Anlzd Return Sharpe Ratio Standard Deviation PERS(DB) Domestic Equity 3.48% 18.76% 0.08 Russell 3000 3.44% 18.80% 0.08 PERS(HC) Domestic Equity Russell 3000 STRS Domestic Equity 3.24% 18.91% 0.07 STRS Domestic Equity Benchmark **OP&F** Domestic Equity 4.74% 19.07% 0.15 Wilshire 5000 3.73% 18.76% 0.10 SERS Domestic Equity 3.41% 19.06% 0.08 Russell 3000 3.44% 18.80% 0.08 HPRS Domestic Equity 5.42% 19.31% 0.18 HPRS Domestic Equity Benchmark 4.30% 19.38% 0.12

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



Systems Fixed Income

		l l	Ending June	30, 2011	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(DB) Fixed					
PERS(DB) Core Fixed Barclays Capital Aggregate Over/Under	2.9% <u>2.7%</u> 0.2%	5.9% <u>3.9%</u> 2.0%	7.7% <u>6.5%</u> 1.2%	6.7% <u>6.5%</u> 0.2%	6.2% <u>5.7%</u> 0.5%
PERS(DB) High Yield Barclays Capital High Yield Over/Under	4.9% <u>5.0%</u> -0.1%	 <u>15.6%</u>	 <u>12.7%</u>	 <u>9.3%</u>	 <u>9.0%</u>
PERS(DB) Opportunistic PERS FI Opportunistic Benchmark Over/Under	7.2% <u>5.0%</u> 2.2%				
PERS(HC) Fixed					
PERS(HC) Core Fixed Barclays Capital Aggregate Over/Under	2.9% <u>2.7%</u> 0.2%	6.5% <u>3.9%</u> 2.6%	5.2% <u>6.5%</u> -1.3%	5.5% <u>6.5%</u> -1.0%	 <u>5.7%</u>
PERS(HC) TIPS Barclays Capital US TIPS Over/Under	5.8% <u>5.8%</u> 0.0%	 <u>7.7%</u>	 <u>5.3%</u>	 <u>6.9%</u>	 <u>7.0%</u>
PERS(HC) High Yield Barclays Capital High Yield Over/Under	4.9% <u>5.0%</u> -0.1%	 <u>15.6%</u>	 <u>12.7%</u>	 <u>9.3%</u>	 <u>9.0%</u>
PERS(HC) EMD PERS Emerging Market Debt Benchmark Over/Under	6.2% <u>6.0%</u> 0.2%		 	 	
PERS(HC) Opportunistic PERS FI Opportunistic Benchmark Over/Under	7.2% <u>5.0%</u> 2.2%		 	 	
STRS Global Fixed Barclays Capital U.S. Universal Over/Under	2.8% <u>2.9%</u> -0.1%	5.2% <u>4.8%</u> 0.4%	7.7% <u>6.7%</u> 1.0%	7.4% <u>6.6%</u> 0.8%	6.6% <u>6.0%</u> 0.6%

			Ending June	30, 2011	
	YTD (%)	1 Yr (%)	3 Yrs (%)	5 Yrs (%)	10 Yrs (%)
STRS Global Fixed	2.8	5.2	7.7	7.4	6.6
Barclays Capital U.S. Universal	<u>2.9</u>	<u>4.8</u>	<u>6.7</u>	<u>6.6</u>	<u>6.0</u>
Over/Under	-0.1	0.4	1.0	0.8	0.6
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
OP&F Fixed Income					
OP&F Core Fixed	2.9%	5.7%	8.1%	7.2%	6.2%
Barclays Capital Aggregate	<u>2.7%</u>	<u>3.9%</u>	<u>6.5%</u>	<u>6.5%</u>	<u>5.7%</u>
Over/Under	0.2%	1.8%	1.6%	0.7%	0.5%
OP&F Mortgages	4.0%	12.5%	7.1%	5.3%	6.2%
OP&F High Yield	5.3%	15.6%	12.5%	9.6%	9.5%
OPF High Yield Benchmark	<u>4.8%</u>	<u>14.6%</u>	<u>11.4%</u>	<u>8.7%</u>	<u>9.1%</u>
Over/Under	0.5%	1.0%	1.1%	0.9%	0.4%
Global Inflation Protected Securities	12.3%	23.7%	11.2%	10.8%	
OP&F GIPS Benchmark	<u>8.3%</u>	<u>10.9%</u>	<u>6.7%</u>	<u>7.4%</u>	
Over/Under	4.0%	12.8%	4.5%	3.4%	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
SERS Global Fixed	3.9%	8.0%	9.8%	7.8%	6.8%
Barclays Capital Aggregate	<u>2.7%</u>	<u>3.9%</u>	<u>6.5%</u>	<u>6.5%</u>	<u>5.7%</u>
Over/Under	1.2%	4.1%	3.3%	1.3%	1.1%
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
HPRS Global Fixed Income	3.2%	5.8%	7.2%	7.0%	6.6%
Barclays Capital Aggregate	<u>2.7%</u>	<u>3.9%</u>	<u>6.5%</u>	<u>6.5%</u>	<u>5.7%</u>
Over/Under	0.5%	1.9%	0.7%	0.5%	0.9%

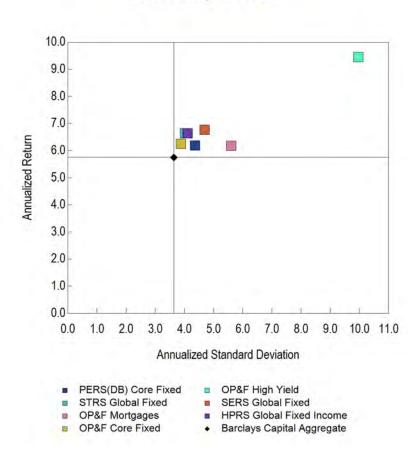
All fixed income returns are reported gross of fees.

All returns are for periods ending 6/30/2011. Returns for periods longer than one year are annualized.

Statistics Summary
10 Years Ending June 30, 2011

	Anlzd Return	Anlzd Standard Deviation	Sharpe Ratio	Information Ratio
PERS(DB) Core Fixed	6.19%	4.36%	0.98	0.21
Barclays Capital Aggregate	5.75%	3.64%	1.05	
STRS Global Fixed	6.64%	4.02%	1.17	0.31
Barclays Capital U.S. Universal	6.00%	3.42%	1.19	
OP&F Fixed Income	7.93%	4.13%	1.45	0.60
Barclays Capital Aggregate	5.75%	3.64%	1.05	
OP&F Core Fixed	6.25%	3.88%	1.11	0.31
Barclays Capital Aggregate	5.75%	3.64%	1.05	
OP&F High Yield	9.45%	9.96%	0.75	0.13
OPF High Yield Benchmark	9.13%	11.80%	0.61	
SERS Global Fixed	6.76%	4.69%	1.03	0.30
Barclays Capital Aggregate	5.75%	3.64%	1.05	
HPRS Global Fixed Income	6.64%	4.11%	1.14	0.37
Barclays Capital Aggregate	5.75%	3.64%	1.05	

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



					Ending June 30, 2011						
	YTD	Rank	1 Yr	Rank	3 Yrs	Rank	5 Yrs	Rank	10 Yrs	Rank	
PERS(DB) International Equity	3.8%	46	29.5%	61	-0.4%	64	3.7%	57	7.6%	57	
MSCI ACWI ex USA	<u>3.8%</u>	46	<u>29.7%</u>	60	<u>-0.3%</u>	63	<u>3.7%</u>	57	<u>7.5%</u>	62	
Over/Under	0.0%		-0.2%		-0.1%		0.0%		0.1%		
PERS(HC) International Equity	3.8%	46	29.5%	61	-0.4%	64	3.7%	56			
MSCI ACWI ex USA	<u>3.8%</u>	46	<u>29.7%</u>	60	<u>-0.3%</u>	63	<u>3.7%</u>	57	<u>7.5%</u>	62	
Over/Under	0.0%		-0.2%		-0.1%		0.0%				
STRS International Equity	2.0%	59	24.2%	73	0.4%	57	3.8%	56	8.0%	51	
STRS International Blended Benchmark	<u>2.1%</u>	59	<u>23.4%</u>	74	<u>0.0%</u>	60	<u>3.2%</u>	61	<u>6.7%</u>	71	
Over/Under	-0.1%		0.8%		0.4%		0.6%		1.3%		
OP&F International Equity	5.9%	40	33.7%	46	1.2%	54	5.1%	49	8.1%	50	
OPF International Benchmark	<u>3.8%</u>	46	<u>29.7%</u>	60	<u>-0.3%</u>	63	<u>3.7%</u>	57	<u>7.5%</u>	62	
Over/Under	2.1%		4.0%		1.5%		1.4%		0.6%		
SERS International Equity	2.9%	56	25.7%	67	0.6%	57	4.3%	52	7.1%	65	
SERS Intl Equity Benchmark	<u>2.5%</u>	58	<u>24.2%</u>	73	<u>0.5%</u>	57	<u>3.4%</u>	59	<u>6.0%</u>	77	
Over/Under	0.4%		1.5%		0.1%		0.9%		1.1%		
HPRS International Equity	5.0%	43	31.7%	55	-0.7%	66	3.6%	58	6.2%	76	
HPRS International Benchmark	<u>4.1%</u>	46	<u>30.3%</u>	60	<u>0.1%</u>	58	<u>4.0%</u>	53	<u>7.0%</u>	66	
Over/Under	0.9%		1.4%		-0.8%		-0.4%		-0.8%		

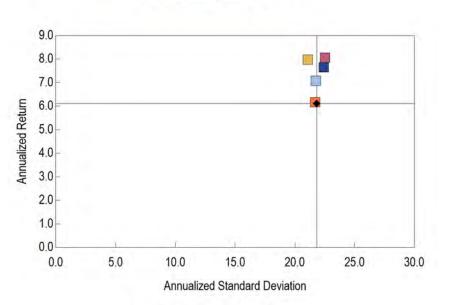
All international equity returns are reported gross of fees.

All returns are for periods ending 6/30/2011. Returns for periods longer than one year are annualized. Differences may exist due to rounding.

Statistics Summary 10 Years Ending June 30, 2011

Anlzd Information Standard Sharpe Ratio Anlzd Return Ratio Deviation PERS(DB) International Equity 0.22 7.65% 22.44% 0.25 MSCI ACWI ex USA 7.48% 22.40% 0.25 STRS International Equity 7.97% 21.09% 0.29 0.83 STRS International Blended Benchmark 6.73% 21.43% 0.22 **OP&F International Equity** 8.06% 22.54% 0.27 0.26 **OPF International Benchmark** 22.39% 0.25 7.48% SERS International Equity 7.07% 21.76% 0.24 0.56 SERS Intl Equity Benchmark 6.02% 20.93% 0.19 HPRS International Equity 6.17% 21.70% 0.20 -0.28 6.96% 22.22% HPRS International Benchmark 0.23

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



- PERS(DB) International Equity
- STRS International Equity
- OP&F International Equity
- SERS International Equity
- HPRS International Equity
- MSCI EAFE Gross

Systems Real Estate

			Ending June		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(DB) Real Estate					
PERS(DB) Private RE	7.4%	16.2%	-5.8%	2.1%	
NCREIF Property Index LAG	<u>8.1%</u>	<u>16.0%</u>	<u>-3.6%</u>	<u>3.5%</u>	<u>7.5%</u>
Over/Under	-0.7%	0.2%	-2.2%	-1.4%	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(HC) Real Estate					
PERS(HC) REITs	11.0%	35.9%	5.0%	1.9%	
PERS (HC) REIT Benchmark	<u>11.0%</u>	<u>35.2%</u>	4.6%	<u>1.6%</u>	
Over/Under	0.0%	0.7%	0.4%	0.3%	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
STRS Real Estate	13.8%	23.2%	-3.5%	6.4%	10.7%
STRS RE Blended Benchmark	<u>7.9%</u>	<u>19.5%</u>	<u>-0.3%</u>	<u>4.0%</u>	<u>8.1%</u>
Over/Under	5.9%	3.7%	-3.2%	2.4%	2.6%
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
OP&F Real Estate	9.9%	21.1%	-11.3%	-0.5%	7.2%
NCREIF (ODCE) Index	<u>8.8%</u>	<u>20.5%</u>	<u>-7.7%</u>	<u>0.0%</u>	<u>5.6%</u>
Over/Under	1.1%	0.6%	-3.6%	-0.5%	1.6%
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
SERS Real Estate	8.6%	25.2%	-10.4%	-2.3%	4.5%
SERS Total Real Estate Benchmark	<u>8.1%</u>	<u>16.0%</u>	<u>-2.1%</u>	<u>3.3%</u>	<u>8.0%</u>
Over/Under	0.5%	9.2%	-8.3%	-5.6%	-3.5%
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
HPRS Real Estate	-1.8%	5.2%	-7.8%	-3.8%	1.9%
NCREIF Property Index	<u>7.4%</u>	<u>16.7%</u>	<u>-2.6%</u>	<u>3.4%</u>	<u>7.6%</u>
Over/Under	-9.2%	-11.5%	-5.2%	-7.2%	-5.7%

Systems Alternatives

		Ending .	June 30, 2011		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(DB) Alternatives					
PERS(DB) Private Equity	12.3%	25.3%	4.5%	10.0%	11.4%
PERS Private Equity Benchmark (QTR LAG)	<u>20.4%</u>	<u>20.8%</u>	<u>6.5%</u>	<u>6.0%</u>	<u>6.4%</u>
Over/Under	-8.1%	4.5%	-2.0%	4.0%	5.0%
PERS(DB) Hedge Funds	1.0%	12.0%	4.3%	7.6%	
PERS (DB) Hedge Fund Benchmark	<u>3.4%</u>	<u>5.7%</u>	<u>3.3%</u>	<u>7.4%</u>	
Over/Under	-2.4%	6.3%	1.0%	0.2%	
PERS(DB) TAA	141.9%	239.1%			
PERS TAA Benchmark	<u>0.1%</u>	<u>0.2%</u>			-
Over/Under	141.8%	238.9%			
PERS(HC) Alternatives					
PERS(HC) Private Equity	7.5%	8.6%	-17.9%		
PERS Private Equity Benchmark (QTR LAG)	<u>20.4%</u>	<u>20.8%</u>	<u>6.5%</u>	<u>6.0%</u>	<u>6.4%</u>
Over/Under	-12.9%	-12.2%	-24.4%		
PERS(HC) Hedge Funds	1.0%	12.0%	10.2%		
PERS (HC) Hedge Benchmark	<u>3.4%</u>	<u>5.7%</u>			
Over/Under	-2.4%	6.3%			
PERS(HC) TAA	86.5%				
PERS TAA Benchmark	<u>0.1%</u>	<u>0.2%</u>			
Over/Under	86.4%				
PERS(HC) Commodities	4.9%	24.5%			
Goldman Sachs GSCI Total	<u>2.7%</u>	<u>26.1%</u>	<u>-21.7%</u>	<u>-6.2%</u>	<u>3.7%</u>
Over/Under	2.2%	-1.6%			

			Linding out	J 00, 2011	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
STRS Alternatives	12.9%	20.4%	2.9%	8.6%	7.1%
STRS Alternative Benchmark	<u>7.1%</u>	<u>34.3%</u>	<u>6.2%</u>	<u>5.9%</u>	6.3%
Over/Under	5.8%	-13.9%	-3.3%	2.7%	0.8%
STRS Private Equity	15.1%	22.6%	3.1%	8.8%	7.1%
STRS Private Equity Benchmark	<u>7.9%</u>	<u>36.3%</u>	<u>7.2%</u>	<u>6.5%</u>	<u>6.6%</u>
Over/Under	7.2%	-13.7%	-4.1%	2.3%	0.5%
STRS Hedge Funds	0.7%	9.1%	-0.4%	7.4%	
HFRI Fund of Funds Composite Index	<u>-0.3%</u>	<u>6.7%</u>	<u>-1.8%</u>	<u>1.5%</u>	<u>3.9%</u>
Over/Under	1.0%	2.4%	1.4%	5.9%	
STRS Opportunistic	7.7%	15.3%			
STRS Opportunistic Benchmark	<u>5.8%</u>	<u>31.1%</u>			
Over/Under	1.9%	-15.8%			
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
OP&F Alternatives	13.6%	19.1%	1.4%	9.2%	3.4%
OPF Private Equity Benchmark	20.2%	20.9%	6.6%	6.3%	8.6%
Over/Under Over/Under	-6.6%	-1.8%	-5.2%	2.9%	-5.2%
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
SERS Alternatives					
SERS Private Equity	6.4%	12.1%	-0.1%	6.5%	-0.4%
SERS PE Benchmark	<u>17.5%</u>	<u>18.6%</u>	<u>5.6%</u>	<u>5.8%</u>	<u>5.7%</u>
Over/Under	-11.1%	-6.5%	-5.7%	0.7%	-6.1%
SERS Hedge Funds	2.6%	9.2%	3.4%		
SERS Hedge Fund Benchmark	<u>-0.3%</u>	<u>6.5%</u>	<u>1.5%</u>		
Over/Under	2.9%	2.7%	1.9%		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
HPRS Alternatives					
LIDDO Deivoto Caville	-10.2%	C 70/	-2.2%		
HPRS Private Equity HPRS Private Equity Benchmark	-10.2% <u>20.1%</u>	-6.7%	-2.2% <u>9.9%</u>		
Over/Under	<u>20.1%</u> -30.3%	<u>20.8%</u> -27.5%	<u>9.9%</u> -12.1%		
HPRS Hedge Funds	0.8%	7.5%	2.1%		
HFRI Fund of Funds Composite Index	<u>-0.3%</u>	<u>6.7%</u>	<u>-1.8%</u>	<u>1.5%</u>	<u>3.9%</u>
Over/Under	1.1%	0.8%	3.9%		

Ending June 30, 2011

		Ending	June 30, 2011		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(DB) Cash	0.2%	0.3%	1.0%	2.4%	2.4%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.2%	0.2%	0.8%	0.7%	0.5%
PERS(HC) Cash	0.1%	0.3%	0.8%	2.4%	
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.1%	0.2%	0.6%	0.7%	
STRS Liquidity Reserves	0.1%	0.2%	0.7%	2.3%	2.3%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.1%	0.1%	0.5%	0.6%	0.4%
OP&F Cash	0.1%	0.2%	0.6%	2.1%	2.2%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.1%	0.1%	0.4%	0.4%	0.3%
SERS Cash	0.1%	0.2%	1.1%	2.6%	2.5%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.1%	0.1%	0.9%	0.9%	0.6%
HPRS Cash	0.0%	0.0%	0.4%	2.4%	2.6%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.0%	-0.1%	0.2%	0.7%	0.7%

Public Employees Retirement System (DB) (PERS DB)

Actuarial Rate: 8.0%

		Ending June 30, 2011			
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Public Employees Retirement System (DB)	5.4%	23.2%	3.9%	4.7%	5.8%
PERS (DB) Total Fund Benchmark	<u>5.7%</u>	<u>22.6%</u>	<u>4.0%</u>	<u>4.7%</u>	<u>5.7%</u>
Over/Under	-0.3%	0.6%	-0.1%	0.0%	0.1%
PERS(DB) Domestic Equity	6.4%	32.5%	3.7%	3.1%	3.5%
Russell 3000	<u>6.4%</u>	<u>32.4%</u>	<u>4.0%</u>	<u>3.4%</u>	<u>3.4%</u>
Over/Under	0.0%	0.1%	-0.3%	-0.3%	0.1%
PERS(DB) International Equity	3.8%	29.5%	-0.4%	3.7%	7.6%
MSCI ACWI ex USA	<u>3.8%</u>	<u>29.7%</u>	<u>-0.3%</u>	<u>3.7%</u>	<u>7.5%</u>
Over/Under	0.0%	-0.2%	-0.1%	0.0%	0.1%
PERS(DB) Fixed					
PERS(DB) Core Fixed	2.9%	5.9%	7.7%	6.7%	6.2%
Barclays Capital Aggregate	<u>2.7%</u>	<u>3.9%</u>	<u>6.5%</u>	<u>6.5%</u>	<u>5.7%</u>
Over/Under	0.2%	2.0%	1.2%	0.2%	0.5%
PERS(DB) High Yield	4.9%				
Barclays Capital High Yield	<u>5.0%</u>	<u>15.6%</u>	<u>12.7%</u>	<u>9.3%</u>	9.0%
Over/Under	-0.1%				
PERS(DB) Opportunistic	7.2%				
PERS FI Opportunistic Benchmark	<u>5.0%</u>				
Over/Under	2.2%				
PERS(DB) Real Estate					
PERS(DB) Private RE	7.4%	16.2%	-5.8%	2.1%	
NCREIF Property Index LAG	<u>8.1%</u>	<u>16.0%</u>	<u>-3.6%</u>	<u>3.5%</u>	<u>7.5%</u>
Over/Under	-0.7%	0.2%	-2.2%	-1.4%	

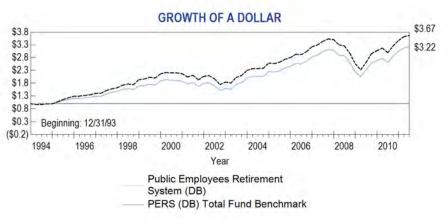
Actuarial Rate: 8.0%

	Ending June 30, 2011				
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(DB) Alternatives					
PERS(DB) Hedge Funds	1.0%	12.0%	4.3%	7.6%	
PERS (DB) Hedge Fund Benchmark	<u>3.4%</u>	<u>5.7%</u>	<u>3.3%</u>	<u>7.4%</u>	
Over/Under	-2.4%	6.3%	1.0%	0.2%	
PERS(DB) Private Equity	12.3%	25.3%	4.5%	10.0%	11.4%
PERS Private Equity Benchmark (QTR LAG)	<u>20.4%</u>	<u>20.8%</u>	<u>6.5%</u>	<u>6.0%</u>	<u>6.4%</u>
Over/Under	-8.1%	4.5%	-2.0%	4.0%	5.0%
PERS(DB) TAA	141.9%	239.1%			
PERS TAA Benchmark	<u>0.1%</u>	<u>0.2%</u>			
Over/Under	141.8%	238.9%			
PERS(DB) Cash	0.2%	0.3%	1.0%	2.4%	2.4%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	<u>1.9%</u>
Over/Under	0.2%	0.2%	0.8%	0.7%	0.5%

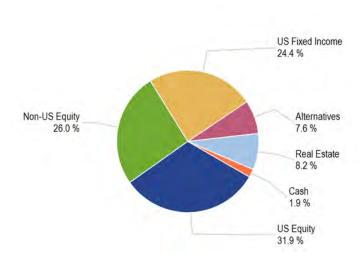
Asset Allocation by Segment

As Of June 30, 2011

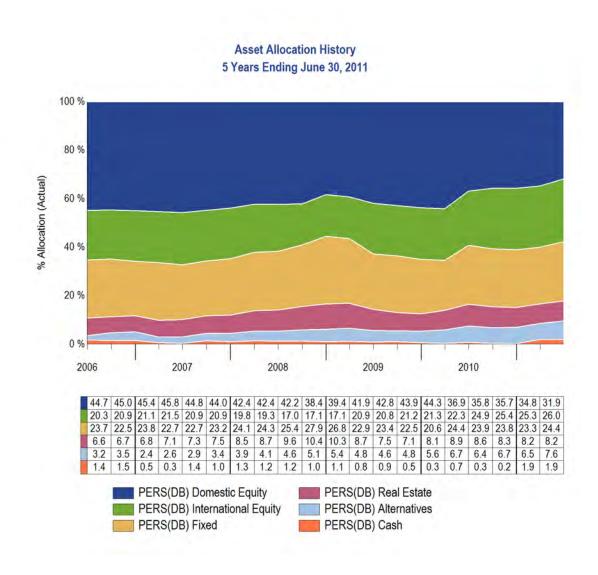
	Total Market Value	% of Portfolio	US Equity	Non-US Equity	US Fixed Income	Alternatives	Real Estate	Cash
PERS(DB) Domestic Equity	\$20,526,486,160	31.9%	\$20,526,486,160					
PERS(DB) International Equity	\$16,739,391,368	26.0%		\$16,739,391,368				
PERS(DB) Fixed								
PERS(DB) Core Fixed	\$11,544,039,177	17.9%			\$11,544,039,177			
PERS(DB) High Yield	\$3,213,413,780	5.0%			\$3,213,413,780			
PERS(DB) EMD								
PERS(DB) Opportunistic	\$957,735,705	1.5%			\$957,735,705			
PERS(DB) Securitized Debt								
PERS(DB) Real Estate								
PERS(DB) Private RE	\$5,305,182,010	8.2%					\$5,305,182,010	
PERS(DB) REITs								
PERS(DB) Alternatives								
PERS(DB) Hedge Funds	\$428,437,323	0.7%				\$428,437,323		
PERS(DB) Private Equity	\$4,362,988,198	6.8%				\$4,362,988,198		
PERS(DB) TAA	\$113,783,866	0.2%				\$113,783,866		
PERS(DB) Cash	\$1,221,769,478	1.9%						\$1,221,769,478
Total	\$64,413,227,065	100.0%	\$20,526,486,160	\$16,739,391,368	\$15,715,188,662	\$4,905,209,387	\$5,305,182,010	\$1,221,769,478







Previous Allocation December 31, 2010 US Fixed Income 23.8 % Alternatives 6.7 % Real Estate 8.3 % US Equity 35.7 % Cash 0.2 %

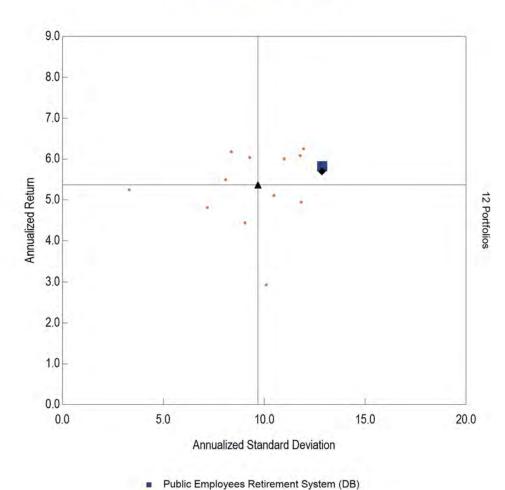


RISK RETURN STATISTICS

July 01, 2001 Through June 30, 2011

R	Public Employees letirement System (DB)	PERS (DB) Total Fund Benchmark
RETURN SUMMARY STATISTICS	, ,	
Number of Periods	40	40
Maximum Return	12.55	13.12
Minimum Return	-13.81	-13.86
Annualized Return	5.83	5.70
Total Return	76.17	74.02
Annualized Excess Return Over Risk Free	3.89	3.76
Annualized Excess Return	0.13	0.00
RISK SUMMARY STATISTICS		
Beta	1.00	1.00
Upside Deviation	7.10	7.25
Downside Deviation	8.83	8.77
RISK/RETURN SUMMARY STATISTIC	cs	
Annualized Standard Deviation	12.87	12.86
Alpha	0.03	0.00
Sharpe Ratio	0.30	0.29
Excess Return Over Market / Risk	0.01	0.00
Tracking Error	0.74	0.00
Information Ratio	0.18	
CORRELATION STATISTICS		
R-Squared	1.00	1.00
Correlation	1.00	1.00

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



PERS (DB) Total Fund Benchmark

Universe Median
IF Public DB Gross

Defined Benefit Plan Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-09	Dec-09	42.4	Russell 3000
	1	1 - 7 - 1	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			7.0	Real Estate
			1.0	Wilshire Resi Full Cap
			5.0	Russell 3000 + 3% (1 Qtr arrears)
			0.6	BC Bellweather 3Mth T-Bill
	Jan-10	Mar-10	42.2	Russell 3000
		1000	12.3	Barclays Capital U.S. Aggregate
			9.4	Barclays Capital Long Gov/Credit
			8.0	Barclays Capital High Yield
			2.0	91-Day Treasury Bill
			20.5	MSCI AC World Ex-US (Net)
			4.2	Russell 3000 + 3% (1 Qtr arrears)
			8.0	NCREIF Property (Quarter Lag)
	1 14		0,6	3 mo. LIBOR + 4% bps (2 mo. lag)
	Apr-10	Jun-10	39.6	Russell 3000
	1900		12.6	Barclays Capital U.S. Aggregate
			9.0	Barclays Capital Long Gov/Credit
			1.6	Barclays Capital High Yield
			2.0	91-Day Treasury Bill
			22.0	MSCI AC World Ex-US (Net)
			4.3	Russell 3000 + 3% (1 Qtr arrears)
			7.9	NCREIF Property (Quarter lag)
			1.0	3 mo. LIBOR + 4% bps (2 mo. lag)

Quarter Start	Quarter End	Percent	Description
	Sep-10	36.3	Russell 3000
		11.5	Barclays Capital U.S. Aggregate
		9.0	Barclays Capital Long Gov/Credit
		2.5	Barclays Capital High Yield
		2.0	91-Day Treasury Bill
		23.5	MSCI AC World Ex-US (Net)
		5.1	Russell 3000 + 3% (1 Qtr arrears)
		9.0	NCREIF Property (Quarter lag)
	1	1.1	3 mo. LIBOR + 4% bps (2 mo. lag)
-	Dec-11	29.5	Russell 3000
		12.4	Barclays Capital U.S. Aggregate
		5.6	Barclays Capital Long Gov/Credit
		5.0	Barclays Capital High Yield
		2.0	91-Day Treasury Bill
		24.6	MSCI AC World Ex-US (Net)
		7.9	Russell 3000 + 3% (1 Qtr arrears)
		9.6	NCREIF Property (Quarter lag)
		3.4	3 mo. LIBOR + 4% bps (2 mo. lag)
		Start End Sep-10	Start End Percent Sep-10 36.3 11.5 9.0 2.5 2.0 23.5 5.1 9.0 1.1 Dec-11 29.5 12.4 5.6 5.0 2.0 24.6 7.9 9.6

The current PERS policy index is listed in the table on the right. PERS instituted separate floating policy indexes for their defined benefit and health care plans in January 2005.

Listed below are conditions that apply to the movement of the defined benefit policy index:

- (1) To the extent that actual real estate investments are below the long run target, the difference will be carried in global bonds.
- (2) To the extent that actual private equity investments are below the long run target, the difference will be carried in U.S. equities.
- (3) Real estate custom benchmark are calculated at 90% NCREIF minus 100 bps annually plus 10% Wilshire RESI minus 20 bps annually.

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Dec-07	Mar-08	44.9	Russell 3000
	444	5-000	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			6.7	Real Estate
			1.0	Wilshire Resi Full Cap
			3.2	Russell 3000 + 3% (1 Qtr arrears)
		12.1	0.2	BC Bellweather 3Mth T-Bill
	Mar-08	Jun-08	44.9	Russell 3000
	10000	7 10 20 20	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			6.7	Real Estate
			1.0	Wilshire Resi Full Cap
			3.2	Russell 3000 + 3% (1 Qtr arrears)
		12724	0.2	BC Bellweather 3Mth T-Bill
	Jun-08	Sep-08	43.9	Russell 3000
		1	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			7.0	Real Estate
			1.0	Wilshire Resi Full Cap
			3.8	Russell 3000 + 3% (1 Qtr arrears)
			0.3	BC Bellweather 3Mth T-Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-08	Dec-08	43.4	Russell 3000
	111111111111111111111111111111111111111	A. Maria	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			7.0	Real Estate
			1.0	Wilshire Resi Full Cap
			4.4	Russell 3000 + 3% (1 Qtr arrears)
		142.3	0.2	BC Bellweather 3Mth T-Bill
	Mar-09	Mar-09	42.4	Russell 3000
	1 4 X 2 1 3 7	1000	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			7.0	Real Estate
			1.0	Wilshire Resi Full Cap
			5.0	Russell 3000 + 3% (1 Qtr arrears)
		1	0.6	BC Bellweather 3Mth T-Bill
	Jun-09	Jun-09	42.3	Russell 3000
	100000	1.50	24.0	BC Universal/BC Long G/C
			20.0	MSCI AC World Ex-US (Net)
			7.0	Real Estate
			1.0	Wilshire Resi Full Cap
			5.0	Russell 3000 + 3% (1 Qtr arrears)
			0.7	BC Bellweather 3Mth T-Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Jun-06	Sep-06	45.4	Russell 3000
	1 1 1 1 1 1 1 1	7.50 220	24.8	Barclays Universal
		1 00 1	20.0	MSCI AC World Ex-US (Net)
			6.3	Real Estate
			1.0	Wilshire Resi Full Cap
			1.6	Russell 3000 + 3% (1 Qtr arrears)
		. 31	1.0	BC Bellweather 3Mth T-Bill
	Sep-06	Dec-06	45.2	Russell 3000
	2.00		25.4	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			5.6	Real Estate
			1.0	Wilshire Resi Full Cap
			1.8	Russell 3000 + 3% (1 Qtr arrears)
			1.0	BC Bellweather 3Mth T-Bill
	Dec-06	Mar-07	46.0	Russell 3000
	200	200	25.3	BC Universal/BC Long G/C
	1 2 2 2 1 1		20.0	MSCI AC World Ex-US (Net)
			5.7	Real Estate
			1.0	Wilshire Resi Full Cap
			0.1	Russell 3000 + 3% (1 Qtr arrears)
			2.0	BC Bellweather 3Mth T-Bill

Quarter Start	Quarter End	Percent	Description
Mar-07	Jun-07	45.7	Russell 3000
		25.2	BC Universal/BC Long G/C
	100	20.0	MSCI AC World Ex-US (Net)
		5.8	Real Estate
		1.0	Wilshire Resi Full Cap
		0.1	Russell 3000 + 3% (1 Qtr arrears)
		2.3	BC Bellweather 3Mth T-Bill
Jun-07	Sep-07	45.6	Russell 3000
1,000	1000	25.2	BC Universal/BC Long G/C
		20.0	MSCI AC World Ex-US (Net)
		6.8	Real Estate
		2.3	Wilshire Resi Full Cap
		0.1	Russell 3000 + 3% (1 Qtr arrears)
		0.0	BC Bellweather 3Mth T-Bill
Sep-07	Dec-07	45.1	Russell 3000
1	2007-00-0	24.6	BC Universal/BC Long G/C
1 4	100	20.0	MSCI AC World Ex-US (Net)
		7.4	Real Estate
		2.8	Wilshire Resi Full Cap
		0.2	Russell 3000 + 3% (1 Qtr arrears)
		0.0	BC Bellweather 3Mth T-Bill
	Start Mar-07	Start End Mar-07 Jun-07 Jun-07 Sep-07	Start End Percent

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Dec-04	Mar-05	46.3	Russell 3000
Land Control of the Control	200	1	26.2	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			5.8	Custom Real Estate
			0.7	Russell 3000 + 3% (1 Qtr arrears)
		U 3	1.0	BC Bellweather 3Mth T-Bill
	Mar-05	Jun-05	46.1	Russell 3000
		500000	26.0	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			6.0	Custom Real Estate
			0.9	Russell 3000 + 3% (1 Qtr arrears)
		. 71	1.0	BC Bellweather 3Mth T-Bill
	Jun-05	Sep-05	46.1	Russell 3000
			25.8	Barclays Universal
		100000	20.0	MSCI AC World Ex-US (Net)
			6.2	Custom Real Estate
			0.9	Russell 3000 + 3% (1 Qtr arrears)
			1.0	BC Bellweather 3Mth T-Bill
			1. 8	

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-05	Dec-05	46.0	Russell 3000
	111111111111111111111111111111111111111		25,6	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			6.4	Custom Real Estate
			1.0	Russell 3000 + 3% (1 Qtr arrears)
			1.0	BC Bellweather 3Mth T-Bill
	Dec-05	Mar-06	45.7	Russell 3000
	200	- 47	24.4	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			7.6	Custom Real Estate
			1.3	Russell 3000 + 3% (1 Qtr arrears)
			1.0	BC Bellweather 3Mth T-Bill
	Mar-06	Jun-06	45.6	Russell 3000
		100	24.7	Barclays Universal
		100	20.0	MSCI AC World Ex-US (Net)
			7.3	Custom Real Estate
			1.4	Russell 3000 + 3% (1 Qtr arrears)
			1.0	BC Bellweather 3Mth T-Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-99	Mar-02	36.1	SB Broad Inv Grade
	3.7		35.0	Standard & Poors 500
			16.9	MSCI World Ex-US (Net)
			6.6	NCREIF
			2.2	NAREIT
			2.2	Giliberto-Levy Mortgage
		1	1.0	BC Bellweather 3Mth T-Bill
	Mar-02	Mar-02	34.3	S&P 1500
	\$C. 1		31.8	SB Broad Inv Grade
			18.9	MSCI World Ex-US (Net)
			5.7	NCREIF
			3.0	Russell 3000
			2.3	BC Bellweather 3Mth T-Bill
			1.9	NAREIT
			1.9	Giliberto-Levy Mortgage
			0.2	Standard & Poors 500
	Jun-02	Sep-02	34.7	S&P 1500
			29.2	SB Broad Inv Grade
			19.3	MSCI World Ex-US (Net)
			5.8	Russell 3000
			5.6	NCREIF
			1.9	NAREIT
			1.9	Giliberto-Levy Mortgage
			1.5	BC Bellweather 3Mth T-Bill
			0.2	Standard & Poors 500

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-02	Sep-02	44.7	Russell 3000
	1		25.6	SB Broad Inv Grade
			19.7	MSCI World Ex-US (Net)
			5.5	NCREIF
			1.8	NAREIT
			1.8	Giliberto-Levy Mortgage
			0.7	BC Bellweather 3Mth T-Bill
			0.2	Standard & Poors 500
	Dec-02	Dec-02	47.0	Russell 3000
		6 7 6 3	23.0	SB Broad Inv Grade
			20.0	MSCI World Ex-US (Net)
			5.4	NCREIF
			1.8	NAREIT
			1.8	Giliberto-Levy Mortgage
		44 4	0.6	BC Bellweather 3Mth T-Bill
			0.4	Standard & Poors 500
	Mar-03	Dec-04	46.0	Russell 3000
	10000		23.0	Barclays Universal
			20.0	MSCI AC World Ex-US (Net)
			8.1	NCREIF
			0.9	Wilshire Real Estate Securities
			1.0	BC Bellweather 3Mth T-Bill
			1.0	Russell 3000 + 3% (1 Qtr arrears)

Defined Benefit Plan Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Маг-94	Jun-95	68.0 17.0 8.0 7.0	SB Broad Inv Grade Standard & Poors 500 91-Day Treasury Bill NCREIF
	Sep-95	Dec-95	59.0 26.0 8.0 6.0 1.0	SB Broad Inv Grade Standard & Poors 500 NCREIF 91-Day Treasury Bill MSCI EAFE (Net)
	Mar-96	Dec-96	62.5 23.0 8.0 4.5 2.0	SB Broad Inv Grade Standard & Poors 500 NCREIF 91-Day Treasury Bill MSCI EAFE (Net)
	Mar-97	Dec-97	56.5 27.0 8.0 4.5 4.0	SB Broad Inv Grade Standard & Poors 500 NCREIF 91-Day Treasury Bill MSCI EAFE (Net)
	Mar-98	Dec-98	51.0 30.5 8.0 6.0 4.5	SB Broad Inv Grade Standard & Poors 500 NCREIF MSCI EAFE (Net) 91-Day Treasury Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Dec-98	Dec-98	51.0	SB Broad Inv Grade
		4.00	30.5	Russell 3000
			6.0	MSCI World Ex-US (Net)
			4.8	NCREIF
			4.5	91-Day Treasury Bill
			1.6	NAREIT
	10000	4.000	1.6	Giliberto-Levy Mortgage
	Mar-99	Mar-99	45.4	SB Broad Inv Grade
	200	30,000,00	35.0	Standard & Poors 500
		1 7 7 1	7.6	MSCI World Ex-US (Net)
			6.6	NCREIF
			2.2	NAREIT
			2.2	Giliberto-Levy Mortgage
	1	-	1.0	91-Day Treasury Bill
	Jun-99	Jun-99	40.1	SB Broad Inv Grade
		and the second	35.0	Standard & Poors 500
			12.9	MSCI World Ex-US (Net)
			6.6	NCREIF
			2.2	NAREIT
			2.2	Giliberto-Levy Mortgage
			1.0	91-Day Treasury Bill

Public Employees Retirement System (HC) (PERS HC)

Actuarial Rate: 6.7%

Public Employees Retirement System (HC) 5.0% 22.6% 5.0% 5.2% PERS (HC) Total Fund Benchmark 4.9% 22.2% 4.9% 5.5% Over/Under 0.1% 0.4% 0.1% -0.3% PERS(HC) Domestic Equity 6.4% 32.5% 3.7% 3.1%	
PERS (HC) Total Fund Benchmark 4.9% 22.2% 4.9% 5.5% Over/Under 0.1% 0.4% 0.1% -0.3% PERS(HC) Domestic Equity 6.4% 32.5% 3.7% 3.1% Russell 3000 6.4% 32.4% 4.0% 3.4%	0 Yrs
Over/Under 0.1% 0.4% 0.1% -0.3% PERS(HC) Domestic Equity 6.4% 32.5% 3.7% 3.1% Russell 3000 6.4% 32.4% 4.0% 3.4%	
PERS(HC) Domestic Equity 6.4% 32.5% 3.7% 3.1% Russell 3000 6.4% 32.4% 4.0% 3.4%	
Russell 3000 <u>6.4%</u> <u>32.4%</u> <u>4.0%</u> <u>3.4%</u>	
Over/Under 0.0% 0.1% -0.3% -0.3%	<u>3.4%</u>
PERS(HC) International Equity 3.8% 29.5% -0.4% 3.7%	
MSCI ACWI ex USA <u>3.8%</u> <u>29.7%</u> <u>-0.3%</u> <u>3.7%</u>	<u>7.5%</u>
Over/Under 0.0% -0.2% -0.1% 0.0%	
PERS(HC) Fixed	
PERS(HC) Core Fixed 2.9% 6.5% 5.2% 5.5%	
Barclays Capital Aggregate 2.7% 3.9% 6.5% 6.5%	<u>5.7%</u>
Over/Under 0.2% 2.6% -1.3% -1.0%	
PERS(HC) TIPS 5.8%	
Barclays Capital US TIPS 5.8% 7.7% 5.3% 6.9%	<u>7.0%</u>
Over/Under 0.0%	
PERS(HC) High Yield 4.9%	
Barclays Capital High Yield 5.0% 15.6% 12.7% 9.3%	<u>9.0%</u>
Over/Under -0.1%	
PERS(HC) EMD 6.2%	
PERS Emerging Market Debt Benchmark 6.0%	
Over/Under 0.2%	
PERS(HC) Opportunistic	
PERS FI Opportunistic Benchmark 5.0%	
Over/Under 2.2%	

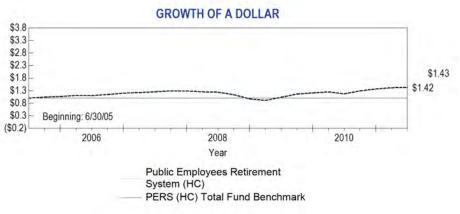
Actuarial Rate: 6.7%

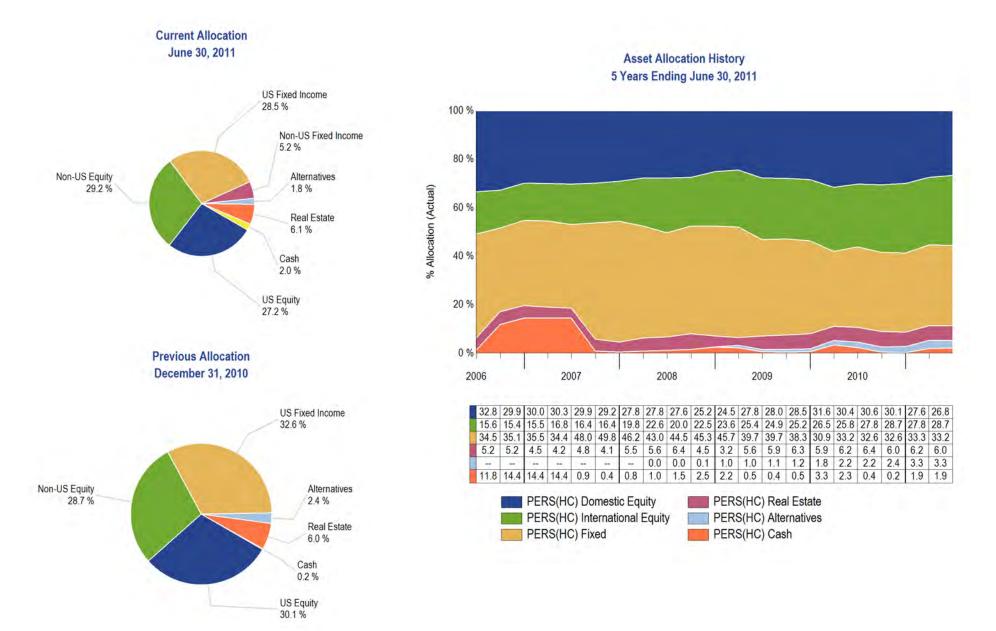
		Ending J	lune 30, 2011		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
PERS(HC) Real Estate					
PERS(HC) REITs PERS (HC) REIT Benchmark Over/Under	11.0% <u>11.0%</u> 0.0%	35.9% <u>35.2%</u> 0.7%	5.0% <u>4.6%</u> 0.4%	1.9% <u>1.6%</u> 0.3%	-
PERS(HC) Alternatives					
PERS(HC) Private Equity PERS Private Equity Benchmark (QTR LAG) Over/Under	7.5% <u>20.4%</u> -12.9%	8.6% <u>20.8%</u> -12.2%	-17.9% <u>6.5%</u> -24.4%	 <u>6.0%</u>	 <u>6.4%</u>
PERS(HC) Hedge Funds PERS (HC) Hedge Benchmark Over/Under	1.0% <u>3.4%</u> -2.4%	12.0% <u>5.7%</u> 6.3%	10.2% 		
PERS(HC) Commodities Goldman Sachs GSCI Total Over/Under	4.9% <u>2.7%</u> 2.2%	24.5% <u>26.1%</u> -1.6%	 - <u>21.7%</u>	 -6.2%	 <u>3.7%</u>
PERS(HC) TAA PERS TAA Benchmark Over/Under	86.5% <u>0.1%</u> 86.4%	 <u>0.2%</u>	 		
PERS(HC) Cash 91 Day T-Bills Over/Under	0.1% <u>0.0%</u> 0.1%	0.3% <u>0.1%</u> 0.2%	0.8% <u>0.2%</u> 0.6%	2.4% <u>1.7%</u> 0.7%	 <u>1.9%</u>

Asset Allocation by Segment

As Of June 30, 2011

			710 01 0	unc 00, 2011					
	Total Market Value	% of Portfolio	US Equity	Non-US Equity	US Fixed Income	Non-US Fixed Income	Alternatives	Real Estate	Cash
PERS(HC) Domestic Equity	\$3,460,369,498	27.2%	\$3,460,369,498						
PERS(HC) International Equity	\$3,713,488,017	29.2%		\$3,713,488,017					
PERS(HC) Fixed									
PERS(HC) Core Fixed	\$2,724,420,226	21.4%			\$2,724,420,226				
PERS(HC) TIPS	\$441,134,346	3.5%			\$441,134,346				
PERS(HC) High Yield	\$268,594,450	2.1%			\$268,594,450				
PERS(HC) EMD	\$661,333,119	5.2%				\$661,333,119			
PERS(HC) Opportunistic	\$192,627,515	1.5%			\$192,627,515				
PERS(HC) Securitized Debt									
PERS(HC) Real Estate									
PERS(HC) REITs	\$781,575,212	6.1%						\$781,575,212	
PERS(HC) Alternatives									
PERS(HC) Private Equity	\$38,123,749	0.3%					\$38,123,749		
PERS(HC) Hedge Funds	\$71,060,838	0.6%					\$71,060,838		
PERS(HC) Commodities	\$118,635,632	0.9%					\$118,635,632		
PERS(HC) TAA	\$4,999,431	0.0%					\$4,999,431		
PERS(HC) Cash	\$250,085,383	2.0%							\$250,085,383
Total	\$12,726,447,416	100.0%	\$3,460,369,498	\$3,713,488,017	\$3,626,776,537	\$661,333,119	\$232,819,650	\$781,575,212	\$250,085,383



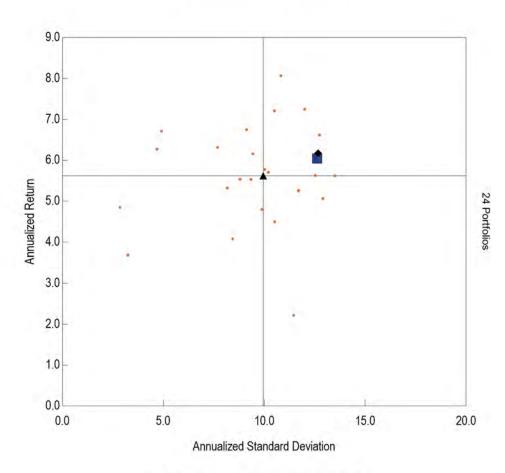


RISK RETURN STATISTICS

July 01, 2005 Through June 30, 2011

	Public Employees Retirement System (HC)	PERS (HC) Total Fund Benchmark
RETURN SUMMARY STATISTICS		
Number of Periods	24	24
Maximum Return	12.96	13.93
Minimum Return	-14.68	-14.49
Annualized Return	6.04	6.17
Total Return	42.21	43.26
Annualized Excess Return Over Risk Free	3.92	4.05
Annualized Excess Return	-0.13	0.00
RISK SUMMARY STATISTICS		
Beta	0.99	1.00
Upside Deviation	7.26	7.61
Downside Deviation	9.63	9.82
RISK/RETURN SUMMARY STATIST	rics	
Annualized Standard Deviation	12.62	12.67
Alpha	-0.02	0.00
Sharpe Ratio	0.31	0.32
Excess Return Over Market / Risk	-0.01	0.00
Tracking Error	0.98	0.00
Information Ratio	-0.13	
CORRELATION STATISTICS		
R-Squared	0.99	1.00
Correlation	1.00	1.00

Annualized Return vs. Annualized Standard Deviation 6 Years Ending June 30, 2011



- Public Employees Retirement System (HC)
 PERS (HC) Total Fund Benchmark
- Universe Median
- IF Public DB Gross

Health Care Plan Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index		Dec-11	28.8 21.5 3.5 2.0 2.0 5.0 27.3 0.3 6.0 2.0 1.6	Russell 3000 Barclays Capital U.S. Aggregate Barclays Capital U.S. TIPS Barclays High Yield 91-Day Treasury Bill Custom Emerging Markets Debt MSCI ACWI Ex-US (Net) Custom Private Equity DJ Wilshire Resi Full Cap LIBOR + 400 bps (2 mo. lag) S&P GS Commodity Total Return

PERS Health Care Plans' policy index is shown above.

Health Care Plan Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Dec-08	Mar-09	29.0	Russell 3000
	1.400.000		10.3	Barclays Universal
			20.2	Barclays U.S. TIPS
			11.5	Barclays 1-3 Yr Gov't
			23.0	MSCI ACWI Ex-US (Net)
	-		6.0	Wilshire Resi Full Cap
	Mar-09	Dec-09	28.4	Russell 3000
		2.00	10.0	Barclays Universal
			20.0	Barclays U.S. TIPS
			10.0	Barclays 1-3 Yr Gov't
			24.5	MSCI ACWI Ex-US (Net)
			6.0	Wilshire Resi Full Cap
	1		0.1	Russell 3000 + 3% (1 Qtr arrears)
	1	L Z II	1,0	BC Bellweather 3 Mth T-Bill
	Jan-10	Mar-10	30.3	Russell 3000
	20000		17.6	Barclays Capital U.S. Aggregate
			13.3	Barclays Capital U.S. TIPS
			0.5	Barclays High Yield
			2.0	91-Day Treasury Bill
			3.1	Custom Emerging Markets Debt
			25.0	MSCI ACWI Ex-US (Net)
			0.1	Custom Private Equity
			6.0	DJ Wilshire Resi Full Cap
			1.1	LIBOR + 400 bps (2 mo. lag)
			1.0	S&P GS Commodity Total Return

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Apr-10	Jun-10	31.9	Russell 3000
	1000		18.2	Barclays Capital U.S. Aggregate
			8.2	Barclays Capital U.S. TIPS
			0.6	Barclays High Yield
			2.0	91-Day Treasury Bill
			5.0	Custom Emerging Markets Debt
			26.0	MSCI ACWI Ex-US (Net)
			0.1	Custom Private Equity
			6.0	DJ Wilshire Resi Full Cap
			1.0	LIBOR + 400 bps (2 mo. lag)
	10.00		1.0	S&P GS Commodity Total Return
	u.	Sep-10	31.0	Russell 3000
		2.	20.5	Barclays Capital U.S. Aggregate
			5.5	Barclays Capital U.S. TIPS
			1.0	Barclays High Yield
			2.0	91-Day Treasury Bill
			5.0	Custom Emerging Markets Debt
			26.7	MSCI ACWI Ex-US (Net)
			0.2	Custom Private Equity
			6.0	DJ Wilshire Resi Full Cap
			1.2	LIBOR + 400 bps (2 mo. lag)
			1.0	S&P GS Commodity Total Return

Health Care Plan Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Dec-04	Jun-05	47.5	Russell 3000
			22.0	Barclays Universal
			22.0	MSCI ACWI Ex-US (Net)
			4.0	Wilshire Resi Full Cap
			2.5	Barclays US Tips
			2.0	Barclays 1-3 Yr Gov't
	Jun-05	Dec-05	42.5	Russell 3000
	12.4	100	20.0	Barclays Universal
			20.0	MSCI ACWI Ex-US (Net)
			4.2	Wilshire Resi Full Cap
			7.5	Barclays US Tips
			5,8	Barclays 1-3 Yr Gov't
	Dec-05	Jun-06	37.5	Russell 3000
		100,00	18.0	Barclays Universal
			18.0	MSCI ACWI Ex-US (Net)
			4.5	Wilshire Resi Full Cap
			12.5	Barclays US Tips
			9,5	Barclays 1-3 Yr Gov't
	Jun-06	Dec-06	32.5	Russell 3000
	Contract Con-		16.0	Barclays Universal
			16.0	MSCI ACWI Ex-US (Net)
			4.8	Wilshire Resi Full Cap
			17.5	Barclays US Tips
			13.2	Barclays 1-3 Yr Gov't

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Dec-06	Dec-07	30.0	Russell 3000
	1		15,0	Barclays Universal
			15.0	MSCI ACWI Ex-US (Net)
			5.0	Wilshire Resi Full Cap
			20.0	Barclays US Tips
	144		15.0	Barclays 1-3 Yr Gov't
	Dec-07	Jun-08	29.6	Russell 3000
	123000	2000	14.8	Barclays Universal
			16.4	MSCI ACWI Ex-US (Net)
	-		4.1	Wilshire Resi Full Cap
			20.8	Barclays US Tips
			14.3	Barclays 1-3 Yr Gov't
	Jun-08	Sep-08	28.8	Russell 3000
		100	9.7	Barclays Universal
			22.6	MSCI ACWI Ex-US (Net)
			5.6	Wilshire Resi Full Cap
			21.0	Barclays US Tips
			12.3	Barclays 1-3 Yr Gov't
	Sep-08	Dec-08	28.8	Russell 3000
	100	100	9.7	Barclays Universal
			22.6	MSCI ACWI Ex-US (Net)
			5.6	Wilshire Resi Full Cap
			21.0	Barclays US Tips
			12.3	Barclays 1-3 Yr Gov't

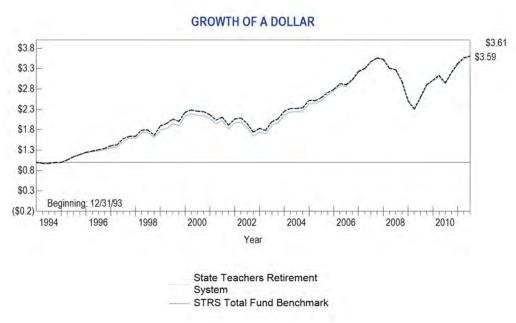
Actuarial Rate: 8.0%

		I	Ending June	30, 2011	
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
State Teachers Retirement System	5.7%	22.8%	3.1%	4.6%	5.9%
STRS Total Fund Benchmark	<u>5.4%</u>	<u>22.4%</u>	<u>3.3%</u>	<u>4.4%</u>	<u>5.5%</u>
Over/Under	0.3%	0.4%	-0.2%	0.2%	0.4%
STRS Domestic Equity	6.8%	33.3%	4.5%	3.1%	3.2%
STRS Domestic Equity Benchmark	<u>6.4%</u>	<u>32.4%</u>	<u>4.0%</u>	<u>3.4%</u>	
Over/Under	0.4%	0.9%	0.5%	-0.3%	
STRS Global Fixed	2.8%	5.2%	7.7%	7.4%	6.6%
Barclays Capital U.S. Universal	<u>2.9%</u>	<u>4.8%</u>	<u>6.7%</u>	<u>6.6%</u>	6.0%
Over/Under	-0.1%	0.4%	1.0%	0.8%	0.6%
STRS International Equity	2.0%	24.2%	0.4%	3.8%	8.0%
STRS International Blended Benchmark	<u>2.1%</u>	<u>23.4%</u>	<u>0.0%</u>	<u>3.2%</u>	6.7%
Over/Under	-0.1%	0.8%	0.4%	0.6%	1.3%
STRS Real Estate	13.8%	23.2%	-3.5%	6.4%	10.7%
STRS RE Blended Benchmark	<u>7.9%</u>	<u>19.5%</u>	<u>-0.3%</u>	<u>4.0%</u>	<u>8.1%</u>
Over/Under	5.9%	3.7%	-3.2%	2.4%	2.6%
STRS Alternatives	12.9%	20.4%	2.9%	8.6%	7.1%
STRS Alternative Benchmark	<u>7.1%</u>	<u>34.3%</u>	<u>6.2%</u>	<u>5.9%</u>	6.3%
Over/Under	5.8%	-13.9%	-3.3%	2.7%	0.8%
STRS Private Equity	15.1%	22.6%	3.1%	8.8%	7.1%
STRS Private Equity Benchmark	<u>7.9%</u>	<u>36.3%</u>	<u>7.2%</u>	<u>6.5%</u>	6.6%
Over/Under	7.2%	-13.7%	-4.1%	2.3%	0.5%
STRS Hedge Funds	0.7%	9.1%	-0.4%	7.4%	
HFRI Fund of Funds Composite Index	<u>-0.3%</u>	<u>6.7%</u>	<u>-1.8%</u>	<u>1.5%</u>	3.9%
Over/Under	1.0%	2.4%	1.4%	5.9%	
STRS Opportunistic	7.7%	15.3%			
STRS Opportunistic Benchmark	<u>5.8%</u>	<u>31.1%</u>			
Over/Under	1.9%	-15.8%			
STRS Liquidity Reserves	0.1%	0.2%	0.7%	2.3%	2.3%
91 Day T-Bills	<u>0.0%</u>	<u>0.1%</u>	<u>0.2%</u>	<u>1.7%</u>	1.9%
Over/Under	0.1%	0.1%	0.5%	0.6%	0.4%

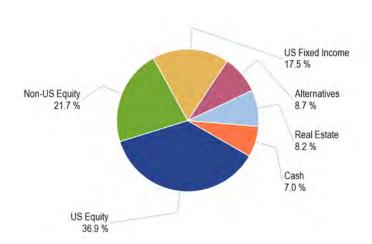
Asset Allocation by Segment

As Of June 30, 2011

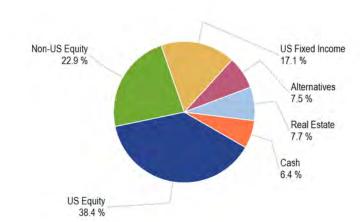
	Total Market Value	% of Portfolio	US Equity	Non-US Equity	US Fixed Income	Alternatives	Real Estate	Cash
STRS Domestic Equity	\$24,404,318,130	36.9%	\$24,404,318,130					
STRS Global Fixed	\$11,553,239,283	17.5%			\$11,553,239,283			
STRS International Equity	\$14,360,662,820	21.7%		\$14,360,662,820				
STRS Real Estate								
STRS Real Estate	\$5,443,971,939	8.2%					\$5,443,971,939	
STRS Alternatives								
STRS Private Equity	\$4,087,774,198	6.2%				\$4,087,774,198		
STRS Hedge Funds								
STRS Opportunistic	\$1,661,057,412	2.5%				\$1,661,057,412		
STRS Liquidity Reserves	\$4,651,789,267	7.0%						\$4,651,789,267
Total	\$66,162,813,049	100.0%	\$24,404,318,130	\$14,360,662,820	\$11,553,239,283	\$5,748,831,610	\$5,443,971,939	\$4,651,789,267



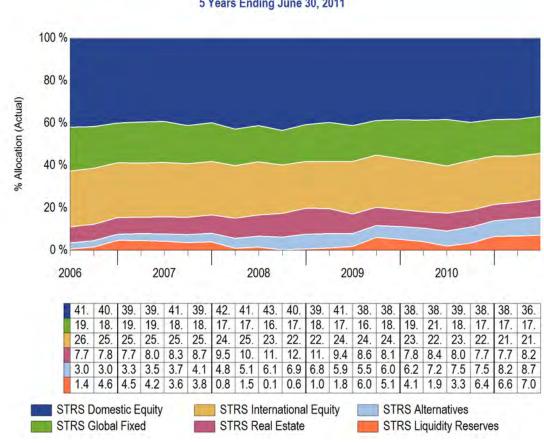




Previous Allocation December 31, 2010



Asset Allocation History 5 Years Ending June 30, 2011

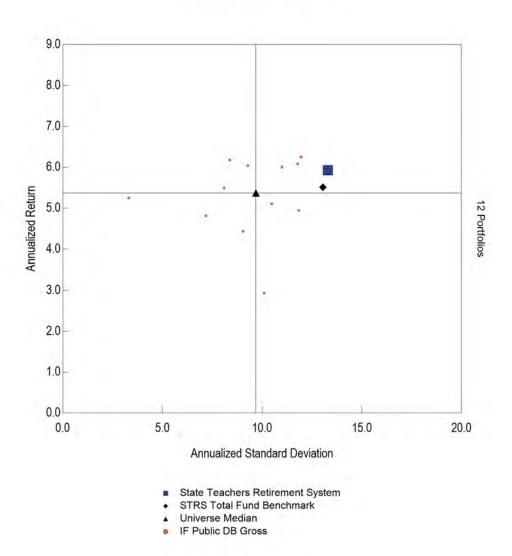


RISK RETURN STATISTICS

July 01, 2001 Through June 30, 2011

July 01, 2001 Through June 30, 2011							
	State Teachers Retirement System	STRS Total Fund Benchmark					
RETURN SUMMARY STATISTICS							
Number of Periods	40	40					
Maximum Return	12.29	12.72					
Minimum Return	-15.96	-15.95					
Annualized Return	5.92	5.51					
Total Return	77.78	71.01					
Annualized Excess Return Over Risk Free	3.98	3.57					
Annualized Excess Return	0.41	0.00					
RISK SUMMARY STATISTICS							
Beta	1.02	1.00					
Upside Deviation	6.79	6.64					
Downside Deviation	9.65	9.44					
RISK/RETURN SUMMARY STATISTICS	5						
Annualized Standard Deviation	13.30	13.05					
Alpha	0.08	0.00					
Sharpe Ratio	0.30	0.27					
Excess Return Over Market / Risk	0.03	0.00					
Tracking Error	0.71	0.00					
Information Ratio	0.58						
CORRELATION STATISTICS							
R-Squared	1.00	1.00					
Correlation	1.00	1.00					

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Jun-09	Jun-10	39.0	Russell 3000
	1 10 10 10		20.0	Barclays Universal
			18.4	MSCI EAFE ex US 50% Hedged
			10,0	Real Estate Blended Benchmark
			4.6	MSCI Em Mkts Free (Gross)
	10.00		7.0	Alt. Investment Actual Return
		line in	1.0	91-Day Treasury Bill
	Jul-10	Jun-11	39.0	Russell 3000
			19.0	Barclays Universal
	1 1 1 - 4 1		18.4	MSCI EAFE ex US 50% Hedged
			10.0	Real Estate Blended Benchmark
			4.6	MSCI Em Mkts Free (Gross)
			8.0	Alt. Investment Actual Return*
			1.0	91-Day Treasury Bill
	Sep-11	Dec-11	39.0	Russell 3000
	1 - 22	175	18.0	Barclays Universal
			18.4	MSCI EAFE ex US 50% Hedged
			10.0	Real Estate Blended Benchmark
			4.6	MSCI Em Mkts Free (Gross)
			9.0	Alt. Investment Actual Return*
			1.0	91-Day Treasury Bill

The current STRS policy index is shown above on the left.

^{*}For calculating the Total Fund Blended Benchmark, the actual Alternative Investment asset class return is used. The benchmark used for the asset class relative performance, however, is the Russell 3000 plus 300 bps for Private Equity and the Russell 3000 minus 100 bps for Opportunistic/Diversifed. At the total Al asset class, a blended benchmark is used.

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-02	Dec-02	45.0	S&P 1500
	1000	1000	23.0	Barclays Universal
			15.0	MSCI EAFE 50% Hedged
			9.0	Real Estate Blended Benchmark
			5,0	MSCI Em Mkts Free (Gross)
			2.0	Alt. Investment Actual Return
			1.0	91-Day Treasury Bill
	Mar-03	Jun-03	45.0	S&P/Russell Hybrid
	1 1	10000	23.0	Barclays Universal
			15.0	MSCI EAFE 50% Hedged
			9.0	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			2.0	Alt. Investment Actual Return
			1.0	91-Day Treasury Bill
	Sep-03	Dec-05	45.0	Russell 3000
	1	7	23.0	Barclays Universal
			15.0	MSCI World ex US 50% Hedged
			9.0	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			2.0	Alt. Investment Actual Return
			1.0	91-Day Treasury Bill
	Mar-06	Jun-06	42.0	Russell 3000
			21.0	Barclays Universal
			20.0	MSCI World ex US 50% Hedged
			9.0	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			3.0	Alt. Investment Actual Return
			0.0	91-Day Treasury Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-06	Jun-07	42.0	Russell 3000
	1.000.00	1.50	20.5	Barclays Universal
			20.0	MSCI World ex US 50% Hedged
			9.5	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			3.0	Alt. Investment Actual Return
			0.0	91-Day Treasury Bill
	Sep-07	Sep-07	42.0	Russell 3000
	1 3 3 3 3 3		20.0	Barclays Universal
			20.0	MSCI World ex US 50% Hedged
			10.0	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			3.0	Alt. Investment Actual Return
	410000	C. C.	0.0	91-Day Treasury Bill
	Dec-07	Mar-09	42.0	Russell 3000
		1000	20.0	Barclays Universal
			20.0	MSCI World ex US 50% Hedged
			9.5	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			3.5	Alt, Investment Actual Return
			0.0	91-Day Treasury Bill
	Apr-09	Jun-09	40.0	Russell 3000
		1.44.441	20.0	Barclays Universal
			19.2	MSCI World ex US 50% Hedged
			10.0	Real Estate Blended Benchmark
			4.8	MSCI Em Mkts Free (Gross)
			6.0	Alt. Investment Actual Return
			0.0	91-Day Treasury Bill

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Mar-94	Dec-94	40.0	Standard & Poors 500
		7	45.0	Barclays Govt,/Corp.
			9.0	Real Estate Blended Benchmark
			3.0	MSCI EAFE (Net)
			3.0	91-Day Treasury Bill
	Mar-95	Dec-95	46.0	Standard & Poors 500
	100	12.00	35.0	BC Aggregate
			9.0	Real Estate Blended Benchmark
			6.0	MSCI EAFE (Net)
			2.0	MSCI Em Mkts Free (Gross)
		100	2.0	91-Day Treasury Bill
	Mar-96	Dec-96	45.0	Standard & Poors 500
		W. V. S. X. V.	35.0	BC Aggregate
			9.0	Real Estate Blended Benchmark
			6.8	MSCI EAFE (Net)
			2.3	MSCI Em Mkts Free (Gross)
			2.0	91-Day Treasury Bill
	Mar-97	Jun-97	45.0	Standard & Poors 500
			34.0	BC Aggregate
			9.0	Real Estate Blended Benchmark
			6.0	MSCI EAFE (Net)
			4.0	MSCI Em Mkts Free (Gross)
			2.0	91-Day Treasury Bill

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (Cont.)	Sep-97	Dec-97	45.0	Standard & Poors 500
and the same of th	1.0		24.0	BC Aggregate
			12.0	MSCI EAFE (Net)
			9.0	Real Estate Blended Benchmark
			8.0	MSCI Em Mkts Free (Gross)
			2.0	91-Day Treasury Bill
	Mar-98	Sep-98	45.0	S&P 1500
			24.0	BC Aggregate
			12.0	MSCI EAFE 50% Hedged
			9.0	Real Estate Blended Benchmark
			8.0	MSCI Em Mkts Free (Gross)
	1000		2.0	91-Day Treasury Bill
	Dec-98	Sep-00	45.0	S&P 1500
	The second second	-27.77	24.0	BC Aggregate
			14.0	MSCI EAFE 50% Hedged
			9.0	Real Estate Blended Benchmark
			6.0	MSCI Em Mkts Free (Gross)
	100		2.0	91-Day Treasury Bill
	Dec-00	Jun-02	45.0	S&P 1500
	1000	1000	25.0	Barclays Universal
			15.0	MSCI EAFE 50% Hedged
			9.0	Real Estate Blended Benchmark
			5.0	MSCI Em Mkts Free (Gross)
			1.0	91-Day Treasury Bill
				4.00
	- 4			
				A .

Ohio Police & Fire (OP&F)

Ohio Police & Fire

Actuarial Rate: 8.25%

	Ending June 30, 2011				
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Ohio Police & Fire	6.7%	26.6%	4.5%	5.5%	6.6%
OPF Total Fund Benchmark	<u>6.1%</u>	23.9%	<u>3.5%</u>	<u>4.5%</u>	<u>5.8%</u>
Over/Under	0.6%	2.7%	1.0%	1.0%	0.8%
OP&F Domestic Equity	6.8%	35.7%	6.2%	4.7%	4.7%
Wilshire 5000	<u>6.1%</u>	<u>32.0%</u>	<u>4.0%</u>	<u>3.4%</u>	<u>3.7%</u>
Over/Under	0.7%	3.7%	2.2%	1.3%	1.0%
OP&F International Equity	5.9%	33.7%	1.2%	5.1%	8.1%
OPF International Benchmark	<u>3.8%</u>	<u>29.7%</u>	<u>-0.3%</u>	<u>3.7%</u>	<u>7.5%</u>
Over/Under	2.1%	4.0%	1.5%	1.4%	0.6%
OP&F Fixed Income					
OP&F Core Fixed	2.9%	5.7%	8.1%	7.2%	6.2%
Barclays Capital Aggregate Over/Under					
OP&F Mortgages	4.0%	12.5%	7.1%	5.3%	6.2%
OP&F High Yield	5.3%	15.6%	12.5%	9.6%	9.5%
OPF High Yield Benchmark	<u>4.8%</u>	<u>14.6%</u>	<u>11.4%</u>	<u>8.7%</u>	<u>9.1%</u>
Over/Under	0.5%	1.0%	1.1%	0.9%	0.4%
Global Inflation Protected Securities	12.3%	23.7%	11.2%	10.8%	
OP&F GIPS Benchmark	<u>8.3%</u>	<u>10.9%</u>	<u>6.7%</u>	<u>7.4%</u>	
Over/Under	4.0%	12.8%	4.5%	3.4%	
OP&F Real Estate	9.9%	21.1%	-11.3%	-0.5%	7.2%
NCREIF (ODCE) Index	<u>8.8%</u>	<u>20.5%</u>	<u>-7.7%</u>	<u>0.0%</u>	<u>5.6%</u>
Over/Under	1.1%	0.6%	-3.6%	-0.5%	1.6%

Ohio Police & Fire

Actuarial Rate: 8.25%

Ending Ju	ine 30, 2011	
1 Yr	3 Yrs	5 Yrs

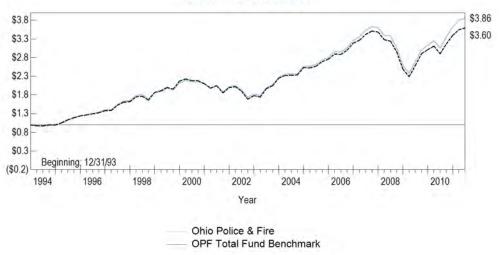
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
OP&F Alternatives	13.6%	19.1%	1.4%	9.2%	3.4%
OPF Private Equity Benchmark	<u>20.2%</u>	<u>20.9%</u>	<u>6.6%</u>	<u>6.3%</u>	<u>8.6%</u>
Over/Under	-6.6%	-1.8%	-5.2%	2.9%	-5.2%
OP&F Private Equity	13.6%	19.1%	1.4%	9.2%	3.4%
OPF Private Equity Benchmark	<u>20.2%</u>	<u>20.9%</u>	<u>6.6%</u>	<u>6.3%</u>	<u>8.6%</u>
Over/Under	-6.6%	-1.8%	-5.2%	2.9%	-5.2%

Asset Allocation by Segment

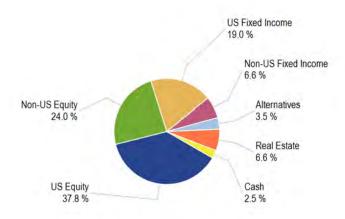
As Of June 30, 2011

Portfolio Port					•					
OP&F International Equity \$2,995,800,656 24.0% \$2,995,800,656 OP&F Fixed Income 0P&F Core Fixed \$1,286,547,115 10.3% \$1,286,547,115 OP&F Mortgages \$41,785,531 0.3% \$41,785,531 OP&F High Yield \$1,044,848,961 8.4% \$1,044,848,961 Global Inflation Protected Securities \$818,400,055 \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507				US Equity	Non-US Equity	_	_	Alternatives	Real Estate	Cash
OP&F Fixed Income \$1,286,547,115 10.3% \$1,286,547,115 OP&F Core Fixed \$1,286,547,115 10.3% \$1,286,547,115 OP&F Mortgages \$41,785,531 0.3% \$41,785,531 OP&F High Yield \$1,044,848,961 \$1,044,848,961 Global Inflation Protected Securities \$818,400,055 \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Domestic Equity	\$4,708,460,230	37.8%	\$4,708,460,230						
OP&F Core Fixed \$1,286,547,115 10.3% \$1,286,547,115 OP&F Mortgages \$41,785,531 0.3% \$41,785,531 OP&F High Yield \$1,044,848,961 8.4% \$1,044,848,961 Global Inflation Protected Securities \$818,400,055 6.6% \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F International Equity	\$2,995,800,656	24.0%		\$2,995,800,656					
OP&F Mortgages \$41,785,531 0.3% \$41,785,531 OP&F High Yield \$1,044,848,961 8.4% \$1,044,848,961 Global Inflation Protected Securities \$818,400,055 6.6% \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Fixed Income									
OP&F High Yield \$1,044,848,961 8.4% \$1,044,848,961 Global Inflation Protected Securities \$818,400,055 \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives \$0P&F Private Equity \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Core Fixed	\$1,286,547,115	10.3%			\$1,286,547,115				
Global Inflation Protected Securities \$818,400,055 \$818,400,055 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives 0P&F Private Equity \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Mortgages	\$41,785,531	0.3%			\$41,785,531				
OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Real Estate \$822,562,172 \$822,562,172 OP&F Alternatives \$442,606,266 \$442,606,266 OP&F Private Equity \$442,606,266 \$306,842,507 OP&F Cash \$306,842,507 2.5%	OP&F High Yield	\$1,044,848,961	8.4%			\$1,044,848,961				
OP&F Real Estate \$822,562,172 6.6% \$822,562,172 OP&F Alternatives 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500 500	Global Inflation Protected Securities	\$818,400,055	6.6%				\$818,400,055			
OP&F Alternatives \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Real Estate									
OP&F Private Equity \$442,606,266 3.5% \$442,606,266 OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Real Estate	\$822,562,172	6.6%						\$822,562,172	
OP&F Cash \$306,842,507 2.5% \$306,842,507	OP&F Alternatives									
	OP&F Private Equity	\$442,606,266	3.5%					\$442,606,266		
Total \$12,467,853,493 100.0% \$4,708,460,230 \$2,995,800,656 \$2,373,181,607 \$818,400,055 \$442,606,266 \$822,562,172 \$306,842,507	OP&F Cash	\$306,842,507	2.5%							\$306,842,507
	Total	\$12,467,853,493	100.0%	\$4,708,460,230	\$2,995,800,656	\$2,373,181,607	\$818,400,055	\$442,606,266	\$822,562,172	\$306,842,507

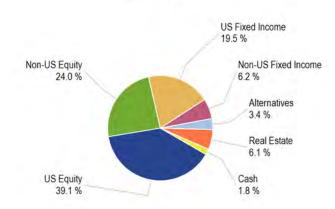
GROWTH OF A DOLLAR



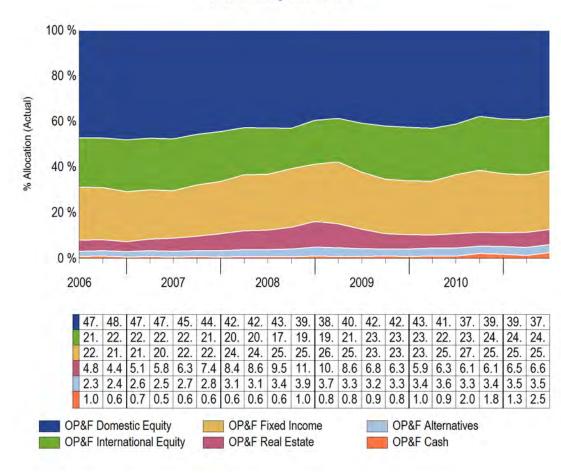
June 30, 2011



Previous Allocation December 31, 2010



Asset Allocation History 5 Years Ending June 30, 2011

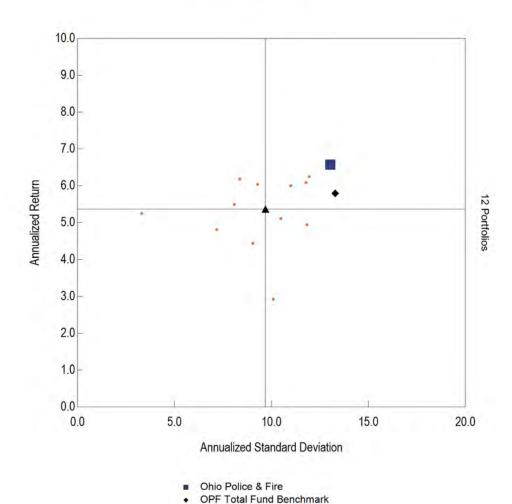


RISK RETURN STATISTICS

July 01, 2001 Through June 30, 2011

,	Ohio Police & Fire	OPF Total Fund Benchmark
RETURN SUMMARY STATISTICS		
Number of Periods	40	40
Maximum Return	13.00	12.98
Minimum Return	-15.45	-15.69
Annualized Return	6.57	5.79
Total Return	89.00	75.63
Annualized Excess Return Over Risk Free	4.63	3.85
Annualized Excess Return	0.78	0.00
RISK SUMMARY STATISTICS		
Beta	0.98	1.00
Upside Deviation	7.15	7.38
Downside Deviation	9.35	9.52
RISK/RETURN SUMMARY STATISTICS		
Annualized Standard Deviation	13.03	13.29
Alpha	0.21	0.00
Sharpe Ratio	0.36	0.29
Excess Return Over Market / Risk	0.06	0.00
Tracking Error	1.06	0.00
Information Ratio	0.73	
CORRELATION STATISTICS		
R-Squared	0.99	1.00
Correlation	1.00	1.00

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



Universe MedianIF Public DB Gross

Police & Fire Pension Fund

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Mar-07	Sep-08	46.0	Wilshire 5000
1000			18.0	BC Aggregate
			20.0	MSCI ACWI ex-U.S. (Net) NCREIF ODCE NOF (1-month
			8.0	lagged)
			5.0	CS Developed Countries HY
			3.0	Wilshire 5000 + 3% Qtr Lagged
	Dec-08	Dec-08	45.0	Wilshire 5000
			12.0	BC Aggregate
			21.0	MSCI ACWI ex-U.S. (Net)
			8.0	NCREIF ODCE NOF (1-month lagged)
			6.0	Bridgewater Custom GIPS
			5.0	CS Developed Countries HY
			3.0	Wilshire 5000 + 3% Qtr Lagged
	Mar-09	Mar-09	43.0	Wilshire 5000
	2.00		11.0	BC Aggregate
			22.0	MSCI ACWI ex-U.S. (Net)
			9.0	NCREIF ODCE NOF (1-month lagged)
			6.0	Bridgewater Custom GIPS
			6.0	CS Developed Countries HY
			3.0	Wilshire 5000 + 3% Qtr Lagged
	Jun-09	Jun-09	42.0	Wilshire 5000
			11.0	BC Aggregate
			22.0	MSCI ACWI ex-U.S. (Net)
				NCREIF ODCE NOF (1-month
			9.0	lagged)
			6.0	Bridgewater Custom GIPS
			6.0	CS Developed Countries HY
			4.0	Wilshire 5000 + 3% Qtr Lagged

Quarter Start	Quarter End	Percent	Description
Sep-09	Sep-09	40.0	Wilshire 5000
1	100	10.0	BC Aggregate
		23.0	MSCI ACWI ex-U.S. (Net)
		2.00	NCREIF ODCE NOF (1-month
		10.0	lagged)
		6.0	Bridgewater Custom GIPS
		2.50	CS Developed Countries HY
		100000000000000000000000000000000000000	Wilshire 5000 + 3% Qtr Lagged
Dec-09	Jun-10		Wilshire 5000
224,02	(A-41.5), 4.	10.00	BC Aggregate
		960	557 931 534.5
		24.0	MSCI ACWI ex-U.S. (Net)
		24.0	NCREIF ODCE NOF (1-month
		10.0	lagged)
		1.00	Bridgewater Custom GIPS
			CS Developed Countries HY
	100		Wilshire 5000 + 3% Qtr Lagged
Son 10	Doc 11		Wilshire 5000 + 5% Qti Lagged
Sep-10	Dec-11		BC Aggregate
		10.0	BC Aggregate
		22.0	MSCI ACWI ex-U.S. (Net)
		23.0	
		10.0	NCREIF ODCE NOF (1-month
			lagged)
		22779	Bridgewater Custom GIPS
			CS Developed Countries HY Wilshire 5000 + 3% Qtr Lagged
		4.0	1V////shire 5000 + 3% Off 20000
	Start	Start End Sep-09 Sep-09 Dec-09 Jun-10	Start End Percent Sep-09 40.0 10.0 23.0 10.0 6.0 7.0 4.0 Dec-09 Jun-10 39.0 10.0 6.0 7.0 4.0 10.0 6.0 7.0 4.0

Police & Fire Pension Fund

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Jun-88	Sep-97	41.0	Wilshire 5000
	- 1	7 - 2	39.0	BC Aggregate
			10.0	MSCI EAFE Index (Net)
			9.0	Wilshire Real Estate Fund
	1775	0 1	1.0	S&P 500 + 5%
	Dec-97	Mar-01	41.0	Wilshire 5000
	diameter in		35.0	BC Aggregate
			10.0	MSCI EAFE Index (Net)
			8.0	Wilshire Real Estate Fund
			5.0	MSCI Em Mkts Index (Gross)
		-	1.0	S&P 500 + 5%
	Jun-01	Jun-01	41.0	Wilshire 5000
	1 0 0		35.0	BC Aggregate
			10.0	MSCI EAFE Index (Net)
			8.0	Wilshire Real Estate Fund
			5.0	MSCI Em Mkts Index (Gross)
			1.0	S&P 500 (lagged) + 5%
	Sep-01	Mar-02	46.0	Wilshire 5000
	1000	3	18.0	BC Aggregate
		1000	17.0	MSCI EAFE Index (Net)
			8.0	Wilshire Real Estate Fund
			5.0	CS Developed Countries HY
			3.0	MSCI Em Mkts Index (Gross)
			3.0	Wilshire 5000 (lagged) + 5%

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Jun-02	Sep-04	48.0	Wilshire 5000
20,000,000			18.0	BC Aggregate
		1 - 1	17.0	MSCI EAFE Index (Net)
				NCREIF ODCE NOF (1-month
			8.0	lagged)
	1000		5.0	CS Developed Countries HY
		1	3.0	MSCI Em Mkts Index (Gross)
		14	1.0	Wilshire 5000 (lagged) + 5%
	Dec-04	Dec-04	46.0	Wilshire 5000
	1	4-01-0	18.0	BC Aggregate
			17.0	MSCI EAFE Index (Net)
			100	NCREIF ODCE NOF (1-month
			8.0	lagged)
			5.0	CS Developed Countries HY
	- 94		3.0	MSCI Em Mkts Index (Gross)
		1000	3.0	Wilshire 5000 (lagged) + 5%
	Mar-05	Dec-06	46.0	Wilshire 5000
			18.0	BC Aggregate
			20.0	MSCI ACWI ex-U.S. (Net)
			1.77	NCREIF ODCE NOF (1-month
			8.0	lagged)
			5.0	CS Developed Countries HY
			3.0	Wilshire 5000 (lagged) + 5%
	4		- Y	
				T.

School Employees Retirement System (SERS)

School Employees Retirement System

Actuarial Rate: 7.75%

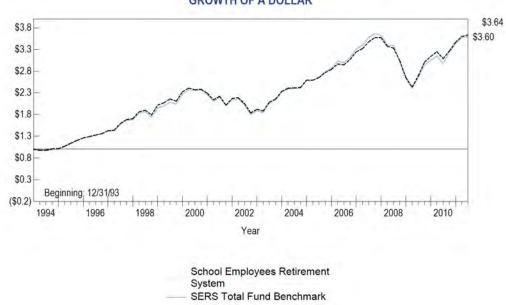
		Ending J	une 30, 2011		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
School Employees Retirement System	4.9%	20.9%	2.0%	3.7%	5.1%
SERS Total Fund Benchmark	<u>4.9%</u>	<u>17.8%</u>	<u>2.9%</u>	<u>4.3%</u>	<u>5.1%</u>
Over/Under	0.0%	3.1%	-0.9%	-0.6%	0.0%
SERS Domestic Equity	6.4%	33.8%	4.7%	3.0%	3.4%
SERS International Equity	2.9%	25.7%	0.6%	4.3%	7.1%
SERS Intl Equity Benchmark	<u>2.5%</u>	<u>24.2%</u>	<u>0.5%</u>	<u>3.4%</u>	<u>6.0%</u>
Over/Under	0.4%	1.5%	0.1%	0.9%	1.1%
SERS Global Fixed	3.9%	8.0%	9.8%	7.8%	6.8%
Barclays Capital Aggregate					
Over/Under					
SERS Real Estate					
SERS Real Estate	8.6%	25.2%	-10.4%	-2.3%	4.5%
SERS Total Real Estate Benchmark	<u>8.1%</u>	<u>16.0%</u>	<u>-2.1%</u>	<u>3.3%</u>	<u>8.0%</u>
Over/Under	0.5%	9.2%	-8.3%	-5.6%	-3.5%
SERS Alternatives					
SERS Private Equity	6.4%	12.1%	-0.1%	6.5%	-0.4%
SERS PE Benchmark	<u>17.5%</u>	<u>18.6%</u>	<u>5.6%</u>	<u>5.8%</u>	<u>5.7%</u>
Over/Under	-11.1%	-6.5%	-5.7%	0.7%	-6.1%
SERS Hedge Funds	2.6%	9.2%	3.4%		
SERS Hedge Fund Benchmark	<u>-0.3%</u>	<u>6.5%</u>	<u>1.5%</u>		
Over/Under	2.9%	2.7%	1.9%		

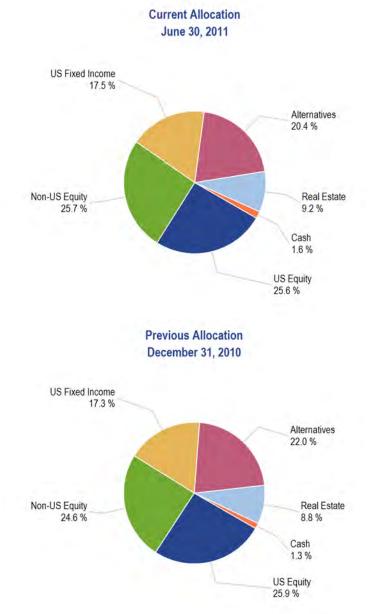
Asset Allocation by Segment

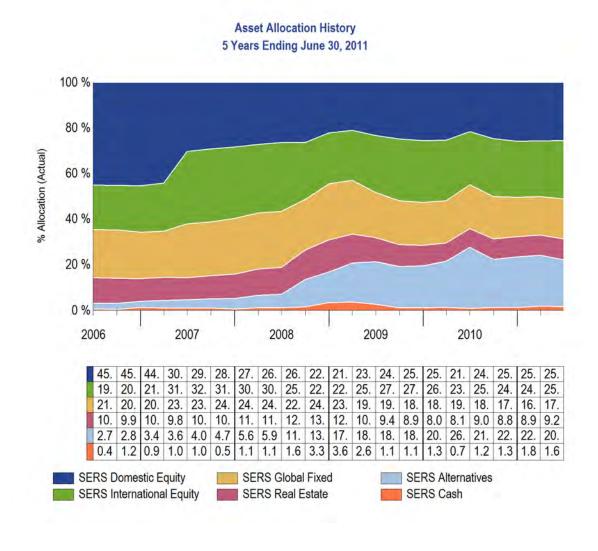
As Of June 30, 2011

	Total Market Value	% of Portfolio	US Equity	Non-US Equity	US Fixed Income	Alternatives	Real Estate	Cash
SERS Domestic Equity	\$2,703,279,865	25.6%	\$2,703,279,865					
SERS International Equity	\$2,715,334,105	25.7%		\$2,715,334,105				
SERS Global Fixed	\$1,849,427,476	17.5%			\$1,849,427,476			
SERS Real Estate								
SERS Real Estate	\$976,546,643	9.2%					\$976,546,643	
SERS Alternatives								
SERS Private Equity	\$778,763,250	7.4%				\$778,763,250		
SERS Hedge Funds	\$1,372,259,624	13.0%				\$1,372,259,624		
SERS Cash	\$171,890,393	1.6%						\$171,890,393
Total	\$10,567,501,356	100.0%	\$2,703,279,865	\$2,715,334,105	\$1,849,427,476	\$2,151,022,874	\$976,546,643	\$171,890,393

GROWTH OF A DOLLAR





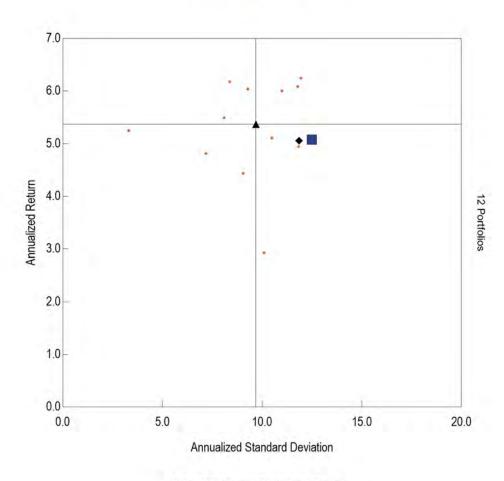


RISK RETURN STATISTICS

July 01, 2001 Through June 30, 2011

July 01, 2001	11110ugii 3uile 30, 2011	
	School Employees Retirement System	SERS Total Fund Benchmark
RETURN SUMMARY STATISTICS		
Number of Periods	40	40
Maximum Return	11.82	11.81
Minimum Return	-13.65	-12.85
Annualized Return	5.08	5.06
Total Return	64.14	63.76
Annualized Excess Return Over Risk Free	3.14	3.12
Annualized Excess Return	0.02	0.00
RISK SUMMARY STATISTICS		
Beta	1.05	1.00
Upside Deviation	6.38	6.15
Downside Deviation	8.99	8.68
RISK/RETURN SUMMARY STATISTICS	S	
Annualized Standard Deviation	12.49	11.85
Alpha	-0.04	0.00
Sharpe Ratio	0.25	0.26
Excess Return Over Market / Risk	0.00	0.00
Tracking Error	1.51	0.00
Information Ratio	0.02	
CORRELATION STATISTICS		
R-Squared	0.99	1.00
Correlation	0.99	1.00

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



- School Employees Retirement System SERS Total Fund Benchmark
- Universe Median
- IF Public DB Gross

School Employees Retirement System

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Mar-07*	Dec-07	30.0 24.0 30.0 10.0 5.0	Russell 3000 BC Aggregate MSCI ACWI ex US (Developed - 50% Hdg) 80% NCREIF (arrears), 20% NAREIT S&P 500 (1Qtr arrears) + 3%
	Dec-07	Jan-09	29.8 24.0 29.8 10.0 5.4	Citigroup 30 Day T-Bill Russell 3000 BC Aggregate MSCI ACWI ex US (Developed - 50% Hdg) 80% NCREIF (arrears), 20% NAREIT S&P 500 (1Qtr arrears) + 3% Citigroup 30 Day T-Bill
	Feb-09	Jun-10	27.5 24.0 27.5 10.0 10.0	Russell 3000 BC Aggregate MSCI ACWI ex US (Developed - 50% Hdg) 80% NCREIF (arrears), 20% NAREIT S&P 500 (1Qtr arrears) + 3% Citigroup 30 Day T-Bill
	Jul-10	Dec-11	22.5 22.5 19.0 10.0 10.0 15.0 1.0	Russell 3000 MSCI ACWI ex US (Developed - 50% Hdg) Barclays Capital U.S. Aggregate Bond NCREIF Property Index (one quarter in arrear S&P 500 (1Qtr arrears) + 3% HFRI Fund of Funds Composite Citigroup 30 Day T-Bill

^{*}The SERS custom policy index calculation was implemented on May 31, 2007.

School Employees Retirement System

Quarter Ending 12/31/2011

Label	Quarter Start	Quarter	Percent	Description
Policy Index	Mar-94	Sep-94	45.0 28.0 10.0 10.0 5.0 2.0	Standard & Poors 500 ML Domestic Master Bond Idx MSCI EAFE (Net) NCREIF Classic Ppty Idx (1 Qtr arrear) Citigroup 30 Day T-Bill S&P 500 + 5%
	Dec-94	Dec-94	45.0 28.0 10.0 10.0 5.0 2.0	Standard & Poors 500 ML Domestic Master Bond Idx MSCI EAFE 50% Hedged NCREIF Classic Ppty Idx (1 Qtr arrear) Citigroup 30 Day T-Bill S&P 500 + 5%
	Mar-95	Jun-95	45.0 28.0 10.0 10.0 5.0 2.0	Russell 3000 ML Domestic Master Bond Idx MSCI EAFE 50% Hedged NCREIF Classic Ppty Idx (1 Qtr arrear) Citigroup 30 Day T-Bill S&P 500 + 5%
	Sep-95	Mar-97	45.0 28.0 10.0 10.0 5.0 2.0	Russell 3000 BC Aggregate MSCI EAFE 50% Hedged NCREIF Classic Ppty Idx (1 Qtr arrear) Citigroup 30 Day T-Bill S&P 500 + 5%
	Jun-97	Jun-97	45.0 28.0 15.0 10.0 1.0	Russell 3000 BC Aggregate MSCI EAFE 50% Hedged NCREIF Classic Ppty Idx (1 Qtr arrear) Citigroup 30 Day T-Bill S&P 500 + 5%

Label	Quarter Start	Quarter End	Percent	Description
Policy Index (cont.)	Sep-97	Jun-99	45.0	Russell 3000
			28.0	BC Aggregate
			14.5	MSCI EAFE 50% Hedged
			0.5	MSCI Em Mkts Free
			10.0	NCREIF
			1.0	Citigroup 30 Day T-Bill
			1.0	S&P 500 +5%
	Sep-99	Dec-99	45.0	Russell 3000
	2.00		28.0	BC Aggregate
			14.0	MSCI EAFE 50% Hedged
			1.0	MSCI Em Mkts Free
			10.0	NCREIF
		_	1.0	Citigroup 30 Day T-Bill
	1000		1.0	S&P 500 +5%
	Mar-00	Jun-01	48.0	Russell 3000
	-		23.0	BC Aggregate
			16.0	MSCI ACWI ex US (Developed - 50% Hdg)
			10.0	NCREIF
			1.0	S&P 500 +5%
			2.0	Citigroup 30 Day T-Bill
	Sep-01	Jun-02	47.0	Russell 3000
	100	1.0	23.0	BC Aggregate
			16.0	MSCI ACWI ex US (Developed - 50% Hdg)
			10.0	NCREIF
			2.0	Private Equity (0% return arrears switch)
			2.0	Citigroup 30 Day T-Bill
	Sep-02	Mar-07	46.0	Russell 3000
	200	V	23.0	BC Aggregate
			16.0	MSCI ACWI ex US (Developed - 50% Hdg)
			10.0	80% NCREIF (arrears), 20% NAREIT
			3.0	S&P 500 (1Qtr arrears) + 3%
			2.0	Citigroup 30 Day T-Bill

Highway Patrol Retirement System (HPRS)

Highway Patrol Retirement System

Actuarial Rate: 8.0%

		Ending .	June 30, 2011		
	YTD	1 Yr	3 Yrs	5 Yrs	10 Yrs
Highway Patrol Retirement System	3.5%	20.0%	3.6%	4.2%	5.8%
HPRS Total Fund Benchmark	<u>6.5%</u>	<u>23.5%</u>	<u>5.0%</u>	<u>5.5%</u>	<u>5.9%</u>
Over/Under	-3.0%	-3.5%	-1.4%	-1.3%	-0.1%
HPRS Domestic Equity	6.8%	33.5%	6.0%	4.2%	5.4%
HPRS Domestic Equity Benchmark	<u>6.7%</u>	<u>33.5%</u>	<u>4.9%</u>	<u>3.7%</u>	<u>4.3%</u>
Over/Under	0.1%	0.0%	1.1%	0.5%	1.1%
HPRS International Equity	5.0%	31.7%	-0.7%	3.6%	6.2%
HPRS International Benchmark	<u>4.1%</u>	<u>30.3%</u>	<u>0.1%</u>	<u>4.0%</u>	<u>7.0%</u>
Over/Under	0.9%	1.4%	-0.8%	-0.4%	-0.8%
HPRS Global Fixed Income	3.2%	5.8%	7.2%	7.0%	6.6%
Barclays Capital Aggregate					
Over/Under					
HPRS Real Estate	-1.8%	5.2%	-7.8%	-3.8%	1.9%
NCREIF Property Index	<u>7.4%</u>	<u>16.7%</u>	<u>-2.6%</u>	<u>3.4%</u>	<u>7.6%</u>
Over/Under	-9.2%	-11.5%	-5.2%	-7.2%	-5.7%
HPRS Alternatives					
HPRS Private Equity	-10.2%	-6.7%	-2.2%		
HPRS Private Equity Benchmark	<u>20.1%</u>	<u>20.8%</u>	<u>9.9%</u>		
Over/Under	-30.3%	-27.5%	-12.1%		
HPRS Hedge Funds	0.8%	7.5%	2.1%		
HPRS Cash	0.0%	0.0%	0.4%	2.4%	2.6%
91 Day T-Bills					
Over/Under					

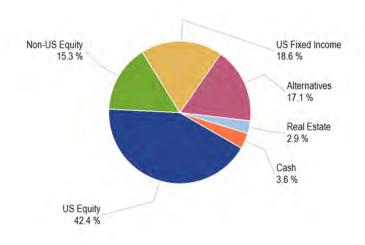
Asset Allocation by Segmet

As Of June 30, 2011

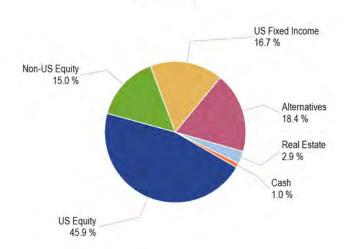
	Total Market Value	% of Portfolio	US Equity	Non-US Equity	US Fixed Income	Alternatives	Real Estate	Cash
HPRS Domestic Equity	\$315,151,285	42.4%	\$315,151,285					
HPRS International Equity	\$113,949,015	15.3%		\$113,949,015				
HPRS Global Fixed Income	\$138,334,422	18.6%			\$138,334,422			
HPRS Real Estate								
HPRS Real Estate	\$21,480,741	2.9%					\$21,480,741	
HPRS Alternatives								
HPRS Private Equity	\$67,243,719	9.1%				\$67,243,719		
HPRS Hedge Funds	\$59,726,810	8.0%				\$59,726,810		
HPRS Cash	\$26,593,444	3.6%						\$26,593,444
Total	\$742,479,436	100.0%	\$315,151,285	\$113,949,015	\$138,334,422	\$126,970,529	\$21,480,741	\$26,593,444

GROWTH OF A DOLLAR \$4.3 \$4.06 \$3.8 \$3.3 \$3.01 \$2.8 \$2.3 \$1.8 \$1.3 \$0.8 \$0.3 Beginning; 12/31/93 (\$0.2) 2010 2002 1996 1998 2000 2004 2006 2008 Year Highway Patrol Retirement System HPRS Total Fund Benchmark

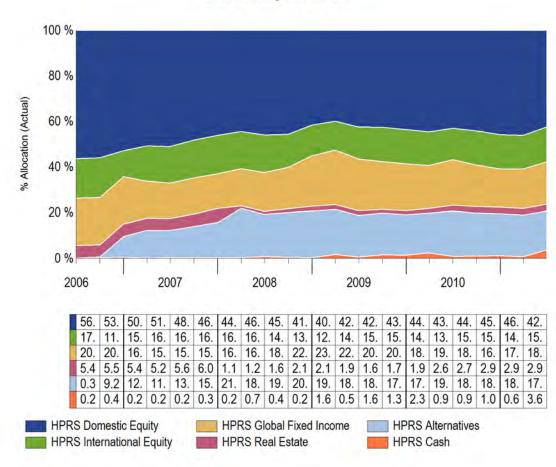
Current Allocation June 30, 2011



Previous Allocation December 31, 2010



Asset Allocation History 5 Years Ending June 30, 2011

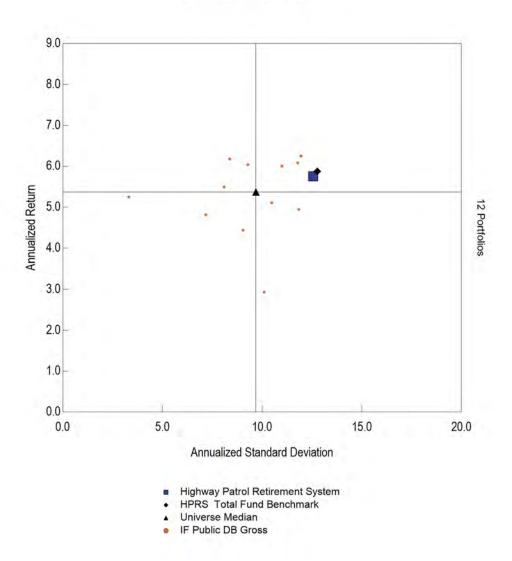


RISK RETURN STATISTICS

July 01, 2001 Through June 30, 2011

July 01, 2001	Through June 30, 2011	
	Highway Patrol Retirement System	HPRS Total Fund Benchmark
RETURN SUMMARY STATISTICS		
Number of Periods	40	40
Maximum Return	12.56	12.45
Minimum Return	-16.16	-14.32
Annualized Return	5.75	5.87
Total Return	74.94	76.96
Annualized Excess Return Over Risk Free	3.81	3.93
Annualized Excess Return	-0.12	0.00
RISK SUMMARY STATISTICS		
Beta	0.97	1.00
Upside Deviation	7.05	7.04
Downside Deviation	9.13	9.23
RISK/RETURN SUMMARY STATISTICS	5	
Annualized Standard Deviation	12.56	12.77
Alpha	0.02	0.00
Sharpe Ratio	0.30	0.31
Excess Return Over Market / Risk	-0.01	0.00
Tracking Error	2.18	0.00
Information Ratio	-0.06	
CORRELATION STATISTICS		
R-Squared	0.97	1.00
Correlation	0.99	1.00

Annualized Return vs. Annualized Standard Deviation 10 Years Ending June 30, 2011



Highway Patrol Retirement System

Quarter Ending 12/31/2011

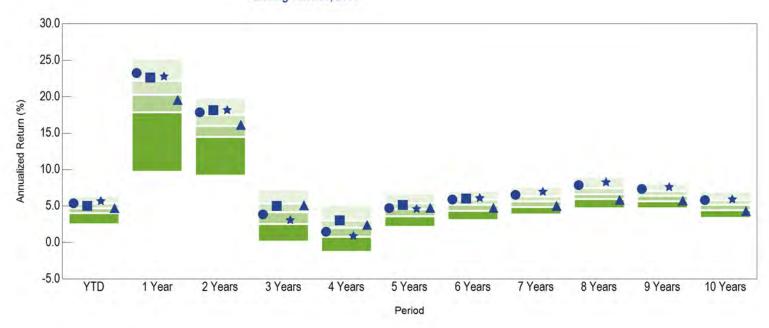
Label	Quarter Start	Quarter End	Percent	Description
Policy Index	Mar-94	Dec-95	50.0	BC Aggregate
	10,000		50.0	Standard & Poors 500
	Mar-96	Dec-97	50.0	Standard & Poors 500
	The state of the s		40.0	BC Aggregate
			5.0	MSCI EAFE (Net)
			5.0	NCREIF
	Mar-98	Sep-99	40.0	Standard & Poors 500
			25.0	BC Aggregate
			15.0	Russell 2000
			10.0	MSCI EAFE (Net)
			10.0	NCREIF
	Dec-99	Dec-01	40.0	Standard & Poors 500
	100,000		20.0	Russell 2000
			20.0	BC Aggregate
			10.0	MSCI EAFE (Net)
			10.0	NCREIF
	Mar-02	Dec-02	40.0	Standard & Poors 500
	1		20.0	Russell 2500
			20.0	BC Aggregate
			10.0	MSCI EAFE (Net)
			10.0	NCREIF
	Mar-03	Dec-06	32.0	Standard & Poors 500
			16.0	Russell 2500
			25.0	BC Aggregate
			15.0	MSCI EAFE (Net)
			12.0	NCREIF

Label	Quarter	Quarter End	Percent	Description							
Policy Index	Mar-07	Jun-07	32.0	Standard & Poors 500							
			18.0	Russell 2500							
			15.0	MSCI ACWI ex US							
			5.0	NCREIF							
			10.0	CPI + 5%							
			5.0	HFRI Fund of Funds							
			BC Aggregate								
	Sep-07	Jun-10	30.0	Standard & Poors 500							
	111111111111111111111111111111111111111		15.0	Russell 2500							
			20.0	BC Aggregate							
			15.0	MSCI ACWI ex US							
			5.0	NCREIF							
			10.0	CPI + 5%							
			5.0	HFRI Fund of Funds							
	Sep-10	Jun-11	30.0	Standard & Poors 500							
	11 4 7 5 5 1		15.0	Russell 2500							
			20.0	BC Aggregate							
			15.0	MSCI ACWI ex US							
			5.0	NCREIF							
			10.0	Wilshire 5000 +3% (one gtr. In arrears)							
			5.0	HFRI Fund of Funds							
	Jul-11	10.0 Wilshire 5000 +3% (or 5.0 HFRI Fund of Funds									
	11		22.5	BC Aggregate							
			20.0	MSCI ACWI ex US							
			5.0	NCREIF							
			5.0	Wilshire 5000 +3% (one gtr. In arrears)							
	4 1 -4		12.5	HFRI Fund of Funds							

HPRS' custom policy index is shown above.

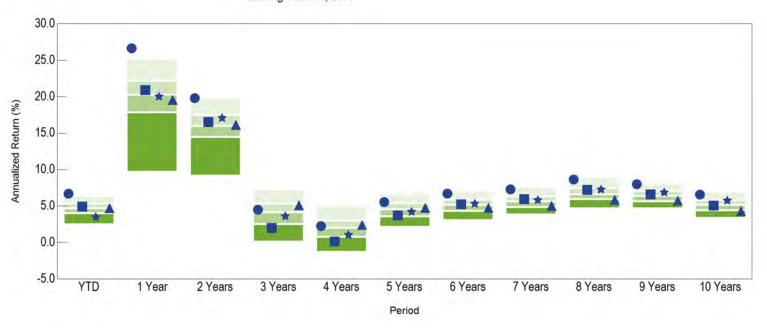
Performance Comparisons

IF All DB Gross Accounts Ending June 30, 2011



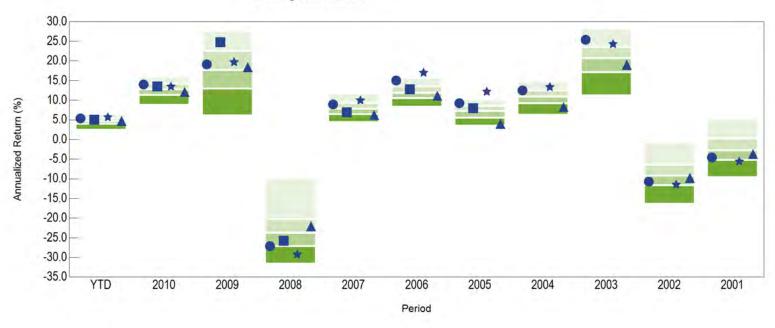
	Return (Ran	k)									
5th Percentile	6.4	25.2	19.8	7.3	5.1	6.7	7.1	7.5	8.9	8.1	6.9
25th Percentile	5.4	22.2	17.5	5.4	3.1	5.4	5.9	6.3	7.5	7.1	5.8
Median	4.7	20.3	16.0	4.2	2.0	4.6	5.2	5.7	6.7	6.4	5.2
75th Percentile	4.0	17.9	14.5	2.6	0.8	3.6	4.4	4.9	6.0	5.7	4.4
95th Percentile	2.5	9.7	9.2	0.2	-1.2	2.2	3.1	3.9	4.7	4.7	3.4
# of Portfolios	362	350	335	329	315	298	280	259	242	226	209
 Public Employees Retirement System (DB) 	5.4 (25)	23.2 (14)	17.9 (23)	3.9 (56)	1.5 (63)	4.7 (46)	5.9 (25)	6.5 (21)	7.9 (17)	7.3 (19)	5.8 (25)
Public Employees Retirement System (HC)	5.0 (36)	22.6 (19)	18.1 (19)	5.0 (31)	3.0 (26)	5.2 (33)	6.0 (21)	()	()	()	()
★ State Teachers Retirement System	5.7 (16)	22.8 (18)	18.2 (18)	3.1 (70)	0.9 (74)	4.6 (48)	6.1 (20)	7.0 (13)	8.3 (10)	7.6 (14)	5.9 (22)
▲ 60/40 S&P 500/BC Aggregate	4.7 (51)	19.6 (60)	16.1 (47)	5.1 (30)	2.4 (42)	4.8 (44)	4.8 (63)	5.0 (72)	5.9 (76)	5.8 (74)	4.3 (80)

IF All DB Gross Accounts Ending June 30, 2011



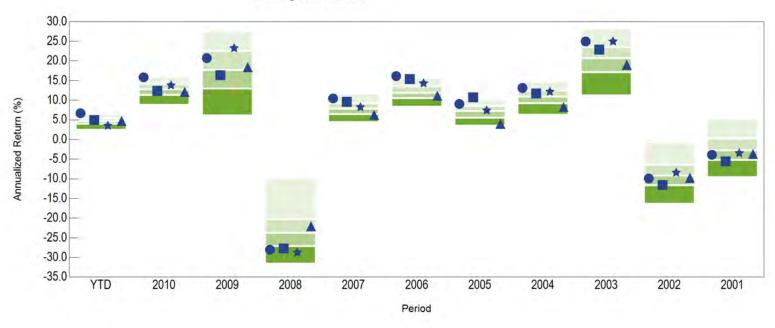
	Return (Ra	nk)									
5th Percentile	6.4	25.2	19.8	7.3	5.1	6.7	7.1	7.5	8.9	8.1	6.9
25th Percentile	5.4	22.2	17.5	5.4	3.1	5.4	5.9	6.3	7.5	7.1	5.8
Median	4.7	20.3	16.0	4.2	2.0	4.6	5.2	5.7	6.7	6.4	5.2
75th Percentile	4.0	17.9	14.5	2.6	8.0	3.6	4.4	4.9	6.0	5.7	4.4
95th Percentile	2.5	9.7	9.2	0.2	-1.2	2.2	3.1	3.9	4.7	4.7	3.4
# of Portfolios	362	350	335	329	315	298	280	259	242	226	209
Ohio Police & Fire	6.7 (3)	26.6 (1)	19.8 (6)	4.5 (45)	2.3 (45)	5.5 (22)	6.7 (8)	7.3 (7)	8.6 (7)	8.0 (6)	6.6 (8)
School Employees Retirement System	4.9 (42)	20.9 (40)	16.5 (41)	2.0 (83)	0.1 (85)	3.7 (73)	5.2 (49)	6.0 (39)	7.2 (34)	6.6 (42)	5.1 (56)
★ Highway Patrol Retirement System	3.5 (88)	20.0 (54)	17.1 (34)	3.6 (61)	1.1 (72)	4.2 (62)	5.3 (46)	5.8 (44)	7.3 (33)	6.9 (34)	5.8 (28)
▲ 60/40 S&P 500/BC Aggregate	4.7 (51)	19.6 (60)	16.1 (47)	5.1 (30)	2.4 (42)	4.8 (44)	4.8 (63)	5.0 (72)	5.9 (76)	5.8 (74)	4.3 (80)





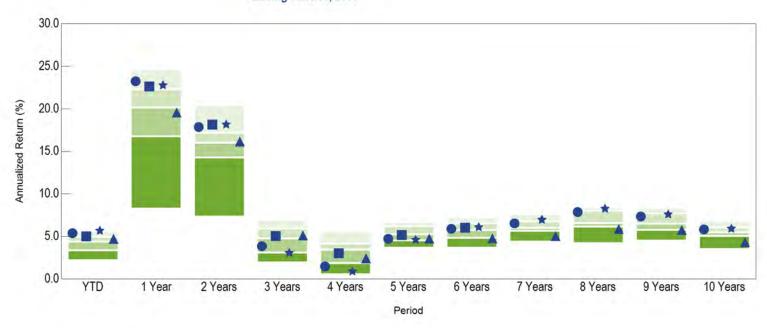
	Return (R	ank)									
5th Percentile	6.4	16.0	27.5	-9.7	11.8	15.7	10.3	14.8	28.2	-0.8	5.2
25th Percentile	5.4	14.2	22.5	-20.2	9.3	13.6	8.6	12.5	23.5	-6.4	0.3
Median	4.7	12.9	17.8	-23.8	7.9	12.0	7.3	11.0	20.8	-9.2	-2.7
75th Percentile	4.0	11.4	13.0	-27.1	6.5	10.6	5.6	9.2	17.2	-11.6	-5.1
95th Percentile	2.5	8.9	6.2	-31.6	4.5	8.4	3.6	6.4	11.3	-16.3	-9.5
# of Portfolios	362	367	354	347	332	315	300	279	262	239	228
Public Employees Retirement System (DB)	5.4 (25	5) 14.0 (31)	19.1 (44)	-27.1 (77)	8.9 (33)	15.0 (9)	9.2 (16)	12.5 (26)	25.4 (16)	-10.7 (69)	-4.6 (70)
Public Employees Retirement System (HC)	5.0 (36	13.5 (39)	24.8 (14)	-25.8 (67)	6.9 (69)	12.7 (40)	8.0 (35)	()	()	()	()
★ State Teachers Retirement System	5.7 (16	13.5 (40)	19.7 (40)	-29.2 (90)	10.0 (17)	17.0 (2)	12.2 (1)	13.4 (14)	24.3 (22)	-11.5 (74)	-5.6 (80)
▲ 60/40 S&P 500/BC Aggregate	4.7 (5) 12.1 (66)	18.4 (47)	-22.1 (37)	6.2 (78)	11.1 (68)	4.0 (92)	8.3 (81)	19.0 (66)	-9.8 (61)	-3.7 (59)





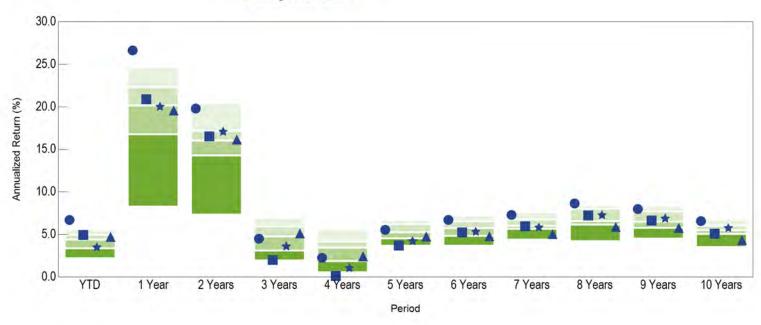
	Return (Rai	nk)									
5th Percentile	6.4	16.0	27.5	-9.7	11.8	15.7	10.3	14.8	28.2	-0.8	5.2
25th Percentile	5.4	14.2	22.5	-20.2	9.3	13.6	8.6	12.5	23.5	-6.4	0.3
Median	4.7	12.9	17.8	-23.8	7.9	12.0	7.3	11.0	20.8	-9.2	-2.7
75th Percentile	4.0	11.4	13.0	-27.1	6.5	10.6	5.6	9.2	17.2	-11.6	-5.1
95th Percentile	2.5	8.9	6.2	-31.6	4.5	8.4	3.6	6.4	11.3	-16.3	-9.5
# of Portfolios	362	367	354	347	332	315	300	279	262	239	228
Ohio Police & Fire	6.7 (3)	15.8 (7)	20.7 (35)	-28.1 (83)	10.5 (12)	16.1 (4)	9.1 (18)	13.1 (18)	25.0 (17)	-9.9 (62)	-3.9 (61)
School Employees Retirement System	4.9 (42)	12.3 (62)	16.4 (61)	-27.7 (81)	9.6 (21)	15.4 (7)	10.8 (3)	11.7 (37)	22.9 (31)	-11.6 (75)	-5.5 (80)
 Highway Patrol Retirement System 	3.5 (88)	13.8 (35)	23.2 (21)	-28.8 (88)	8.3 (45)	14.3 (17)	7.4 (47)	12.2 (28)	25.0 (17)	-8.4 (40)	-3.5 (58)
▲ 60/40 S&P 500/BC Aggregate	4.7 (51)	12.1 (66)	18.4 (47)	-22.1 (37)	6.2 (78)	11.1 (68)	4.0 (92)	8.3 (81)	19.0 (66)	-9.8 (61)	-3.7 (59)

IF Public DB Gross Accounts Ending June 30, 2011



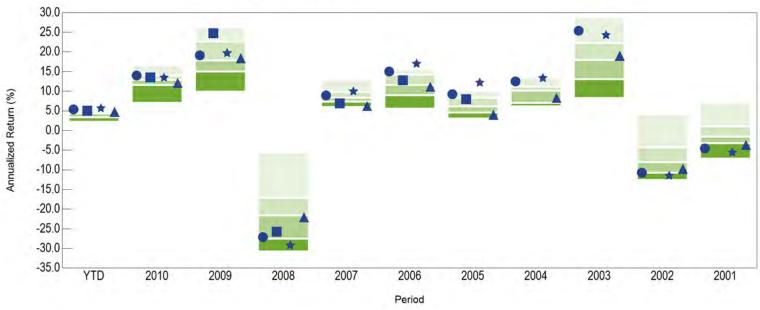
	Return (Rar	ık)									
5th Percentile	5.6	24.6	20.4	7.0	5.6	6.7	7.2	7.6	8.4	8.3	6.8
25th Percentile	5.0	22.3	17.2	5.9	4.2	6.2	6.5	6.8	8.0	7.7	6.0
Median	4.4	20.2	16.0	4.8	3.5	5.3	5.8	6.0	6.6	6.5	5.5
75th Percentile	3.4	16.8	14.3	3.1	1.9	4.6	4.9	5.7	6.2	5.8	5.1
95th Percentile	2.3	8.3	7.3	2.0	0.6	3.7	3.7	4.4	4.2	4.5	3.5
# of Portfolios	39	34	29	27	26	22	21	19	15	13	9
 Public Employees Retirement System (DB) 	5.4 (11)	23.2 (19)	17.9 (21)	3.9 (62)	1.5 (92)	4.7 (70)	5.9 (49)	6.5 (33)	7.9 (32)	7.3 (37)	5.8 (40)
Public Employees Retirement System (HC)	5.0 (24)	22.6 (24)	18.1 (20)	5.0 (41)	3.0 (60)	5.2 (52)	6.0 (47)	()	()	()	()
★ State Teachers Retirement System	5.7 (5)	22.8 (22)	18.2 (20)	3.1 (77)	0.9 (94)	4.6 (74)	6.1 (46)	7.0 (22)	8.3 (7)	7.6 (31)	5.9 (36)
▲ 60/40 S&P 500/BC Aggregate	4.7 (36)	19.6 (58)	16.1 (49)	5.1 (40)	2.4 (69)	4.8 (69)	4.8 (83)	5.0 (87)	5.9 (81)	5.8 (76)	4.3 (89)



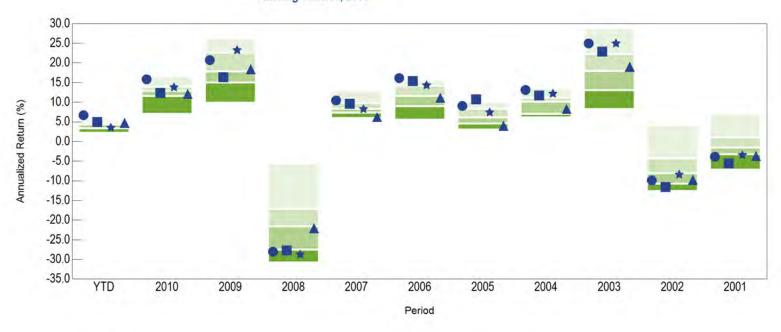


	Return (F	Rank)									
5th Percentile	5.6	24.6	20.4	7.0	5.6	6.7	7.2	7.6	8.4	8.3	6.8
25th Percentile	5.0	22.3	17.2	5.9	4.2	6.2	6.5	6.8	8.0	7.7	6.0
Median	4.4	20.2	16.0	4.8	3.5	5.3	5.8	6.0	6.6	6.5	5.5
75th Percentile	3.4	16.8	14.3	3.1	1.9	4.6	4.9	5.7	6.2	5.8	5.1
95th Percentile	2.3	8.3	7.3	2.0	0.6	3.7	3.7	4.4	4.2	4.5	3.5
# of Portfolios	39	34	29	27	26	22	21	19	15	13	9
Ohio Police & Fire	6.7	1) 26.6 () 19.8 (8)	4.5 (56)	2.3 (71)	5.5 (47)	6.7 (16)	7.3 (13)	8.6 (3)	8.0 (12)	6.6 (8)
School Employees Retirement System	4.9 (3	0) 20.9 (37	16.5 (40)	2.0 (95)	0.1 (97)	3.7 (96)	5.2 (66)	6.0 (53)	7.2 (39)	6.6 (49)	5.1 (76)
★ Highway Patrol Retirement System	3.5 (7	1) 20.0 (52	2) 17.1 (30)	3.6 (65)	1.1 (94)	4.2 (84)	5.3 (64)	5.8 (64)	7.3 (39)	6.9 (45)	5.8 (43)
▲ 60/40 S&P 500/BC Aggregate	4.7 (3	6) 19.6 (58	3) 16.1 (49)	5.1 (40)	2.4 (69)	4.8 (69)	4.8 (83)	5.0 (87)	5.9 (81)	5.8 (76)	4.3 (89)



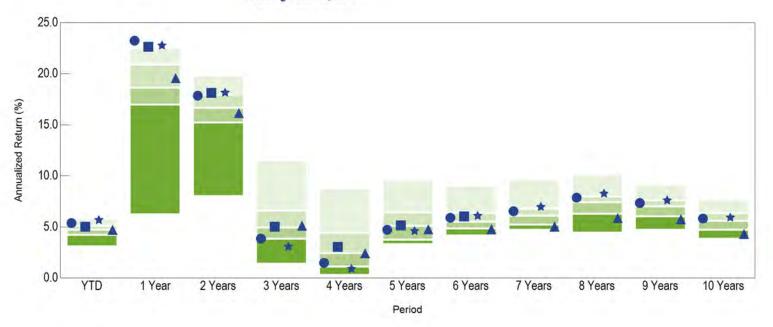


	Return	(Ranl	()																				
5th Percentile	5.6		16.6		26.2		-5.7		13.0		15.6		10.0		13.6		28.7		4.1		7.1		
25th Percentile	5.0		14.0		22.7		-17.1		9.9		14.3		8.4		11.2		22.3		-4.3		1.0		
Median	4.4		13.0		17.9		-21.6		8.4		11.6		6.2		10.2		18.0		-8.0		-1.5		
75th Percentile	3.4		11.6		15.1		-27.5		7.4		9.0		4.6		7.0		13.1		-10.7		-3.2		
95th Percentile	2.3		7.0		9.9		-30.7		6.0		5.7		3.0		6.2		8.3		-12.6		-7.1		
# of Portfolios	39		37		34		34		31		28		27		23		19		14		14		
 Public Employees Retirement System (DB) 	5.4	(11)	14.0 (2	6)	19.1	(41)	-27.1	(73)	8.9	(38)	15.0	(10)	9.2	(14)	12.5	(8)	25.4	(15)	-10.7	(76)	-4.6	(82)	
Public Employees Retirement System (HC)	5.0	(24)	13.5 (3	3)	24.8	(11)	-25.8	(71)	6.9	(91)	12.7	(35)	8.0	(34)		()	-	()		()		()	
★ State Teachers Retirement System	5.7	(5)	13.5 (3	3)	19.7	(39)	-29.2	(91)	10.0	(25)	17.0	(1)	12.2	(1)	13.4	(6)	24.3	(18)	-11.5	(85)	-5.6	(86)	
▲ 60/40 S&P 500/BC Aggregate	4.7	(36)	12.1 (6	4)	18.4	(45)	-22.1	(54)	6.2	(95)	11.1	(54)	4.0	(86)	8.3	(63)	19.0	(46)	-9.8	(68)	-3.7	(79)	



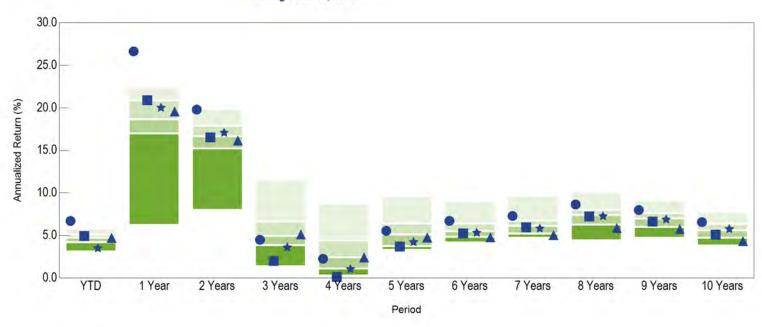
	Return	(Rani	k)																			
5th Percentile	5.6		16.6	26.2	2	-5.7		13.0	1	5.6		10.0		13.6		28.7		4.1	-	7.1		
25th Percentile	5.0		14.0	22.7		-17.1		9.9	14	1.3		8.4		11.2		22.3		-4.3		1.0		
Median	4.4		13.0	17.9)	-21.6		8.4	1	1.6		6.2		10.2		18.0		-8.0		-1.5		
75th Percentile	3.4		11.6	15.1		-27.5		7.4		9.0		4.6		7.0		13.1		-10.7		-3.2		
95th Percentile	2.3		7.0	9.9)	-30.7		6.0		5.7		3.0		6.2		8.3		-12.6		-7.1		
# of Portfolios	39		37	34		34		31		28		27		23		19		14		14		
Ohio Police & Fire	6.7	(1)	15.8 (13	20.7	(36)	-28.1 (8	33)	10.5 (2	1) 10	5.1	(3)	9.1	(15)	13.1	(7)	25.0	(16)	-9.9	(69)	-3.9	(80)	
School Employees Retirement System	4.9	(30)	12.3 (63	16.4	(68)	-27.7 (8	30)	9.6 (2	9) 1	5.4	(7)	10.8	(3)	11.7	(16)	22.9	(24)	-11.6	(86)	-5.5	(85)	
★ Highway Patrol Retirement System	3.5	(71)	13.8 (30	23.2	(18)	-28.8 (8	39)	8.3 (5	4) 14	4.3 ((20)	7.4	(45)	12.2	(9)	25.0	(16)	-8.4	(54)	-3.5	(78)	
▲ 60/40 S&P 500/BC Aggregate	4.7	(36)	12.1 (64	18.4	(45)	-22.1 (5	54)	6.2 (9	5) 1	1.1 ((54)	4.0	(86)	8.3	(63)	19.0	(46)	-9.8	(68)	-3.7	(79)	

IF All DB > \$1B Gross Accounts Ending June 30, 2011



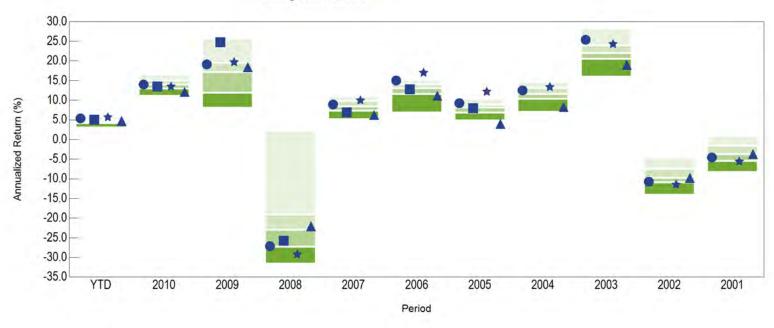
	Return (Ran	ık)									
5th Percentile	5.8	22.5	19.9	11.5	8.8	9.6	9.0	9.6	10.1	9.1	7.7
25th Percentile	5.1	20.9	17.9	6.6	4.4	6.4	6.4	6.8	8.0	7.6	6.4
Median	4.8	18.7	16.7	5.0	2.5	5.1	5.5	6.1	7.4	7.0	5.6
75th Percentile	4.2	17.0	15.2	3.9	1.1	3.8	4.9	5.3	6.3	6.0	4.8
95th Percentile	3.1	6.3	8.0	1.4	0.3	3.3	4.2	4.7	4.5	4.8	3.9
# of Portfolios	33	31	29	28	27	26	26	25	24	22	22
 Public Employees Retirement System (DB) 	5.4 (17)	23.2 (3)	17.9 (29)	3.9 (76)	1.5 (66)	4.7 (58)	5.9 (37)	6.5 (35)	7.9 (26)	7.3 (35)	5.8 (44)
Public Employees Retirement System (HC)	5.0 (28)	22.6 (4)	18.1 (22)	5.0 (50)	3.0 (38)	5.2 (48)	6.0 (30)	()	()	()	()
★ State Teachers Retirement System	5.7 (8)	22.8 (4)	18.2 (18)	3.1 (83)	0.9 (80)	4.6 (59)	6.1 (30)	7.0 (25)	8.3 (24)	7.6 (26)	5.9 (42)
▲ 60/40 S&P 500/BC Aggregate	4.7 (52)	19.6 (40)	16.1 (55)	5.1 (49)	2.4 (51)	4.8 (57)	4.8 (80)	5.0 (82)	5.9 (84)	5.8 (84)	4.3 (83)

IF All DB > \$1B Gross Accounts Ending June 30, 2011



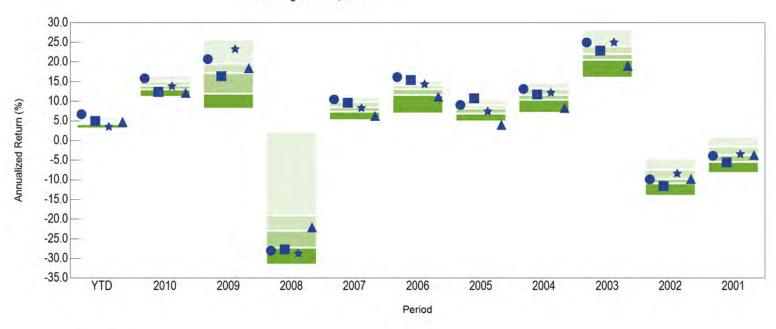
	Return (Ra	nk)									
5th Percentile	5.8	22.5	19.9	11.5	8.8	9.6	9.0	9.6	10.1	9.1	7.7
25th Percentile	5.1	20.9	17.9	6.6	4.4	6.4	6.4	6.8	8.0	7.6	6.4
Median	4.8	18.7	16.7	5.0	2.5	5.1	5.5	6.1	7.4	7.0	5.6
75th Percentile	4.2	17.0	15.2	3.9	1.1	3.8	4.9	5.3	6.3	6.0	4.8
95th Percentile	3.1	6.3	8.0	1.4	0.3	3.3	4.2	4.7	4.5	4.8	3.9
# of Portfolios	33	31	29	28	27	26	26	25	24	22	22
Ohio Police & Fire	6.7 (1)	26.6 (1)	19.8 (7)	4.5 (58)	2.3 (54)	5.5 (41)	6.7 (23)	7.3 (23)	8.6 (22)	8.0 (21)	6.6 (19)
School Employees Retirement System	4.9 (35)	20.9 (25)	16.5 (52)	2.0 (91)	0.1 (97)	3.7 (82)	5.2 (60)	6.0 (57)	7.2 (59)	6.6 (60)	5.1 (73)
★ Highway Patrol Retirement System	3.5 (94)	20.0 (36)	17.1 (47)	3.6 (79)	1.1 (78)	4.2 (68)	5.3 (58)	5.8 (60)	7.3 (59)	6.9 (55)	5.8 (46)
▲ 60/40 S&P 500/BC Aggregate	4.7 (52)	19.6 (40)	16.1 (55)	5.1 (49)	2.4 (51)	4.8 (57)	4.8 (80)	5.0 (82)	5.9 (84)	5.8 (84)	4.3 (83)





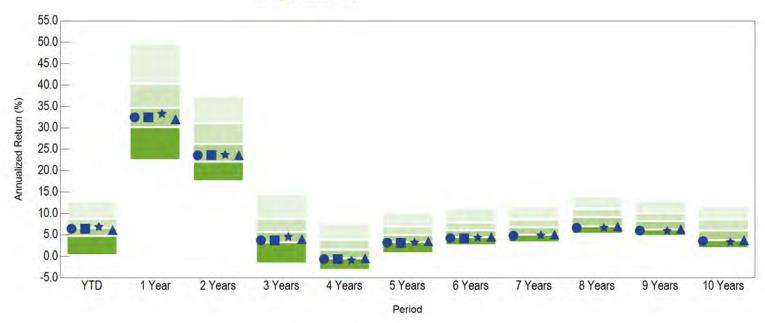
	Return (Ra	nk)									
5th Percentile	5.8	16.5	25.7	2.2	11.0	15.1	10.4	14.5	28.2	-4.8	1.0
25th Percentile	5.1	15.0	19.5	-19.0	9.8	14.1	8.9	13.2	24.0	-7.4	-1.6
Median	4.8	14.0	17.2	-22.9	8.5	13.1	8.2	11.7	22.1	-9.7	-3.7
75th Percentile	4.2	13.0	12.0	-27.3	7.4	11.7	6.9	10.4	20.6	-10.9	-5.4
95th Percentile	3.1	11.1	8.2	-31.5	5.2	6.9	4.9	7.1	16.1	-14.0	-8.3
# of Portfolios	33	34	33	31	30	30	29	28	28	27	26
 Public Employees Retirement System (DB) 	5.4 (17)	14.0 (51)	19.1 (31)	-27.1 (75)	8.9 (42)	15.0 (6)	9.2 (20)	12.5 (41)	25.4 (15)	-10.7 (69)	-4.6 (66)
Public Employees Retirement System (HC)	5.0 (28)	13.5 (60)	24.8 (6)	-25.8 (71)	6.9 (82)	12.7 (60)	8.0 (64)	()	()	()	()
★ State Teachers Retirement System	5.7 (8)	13.5 (61)	19.7 (25)	-29.2 (87)	10.0 (21)	17.0 (2)	12.2 (1)	13.4 (23)	24.3 (24)	-11.5 (81)	-5.6 (82)
▲ 60/40 S&P 500/BC Aggregate	4.7 (52)	12.1 (84)	18.4 (38)	-22.1 (48)	6.2 (90)	11.1 (82)	4.0 (98)	8.3 (90)	19.0 (84)	-9.8 (53)	-3.7 (50)

IF All DB > \$1B Gross Accounts Ending June 30, 2011



	Return (F	Rank)									
5th Percentile	5.8	16.5	25.7	2.2	11.0	15.1	10.4	14.5	28.2	-4.8	1.0
25th Percentile	5.1	15.0	19.5	-19.0	9.8	14.1	8.9	13.2	24.0	-7.4	-1.6
Median	4.8	14.0	17.2	-22.9	8.5	13.1	8.2	11.7	22.1	-9.7	-3.7
75th Percentile	4.2	13.0	12.0	-27.3	7.4	11.7	6.9	10.4	20.6	-10.9	-5.4
95th Percentile	3.1	11.1	8.2	-31.5	5.2	6.9	4.9	7.1	16.1	-14.0	-8.3
# of Portfolios	33	34	33	31	30	30	29	28	28	27	26
Ohio Police & Fire	6.7 (1) 15.8 (16)	20.7 (21	-28.1 (84)	10.5 (15)	16.1 (3)	9.1 (22)	13.1 (30)	25.0 (17)	-9.9 (59)	-3.9 (55)
School Employees Retirement System	4.9 (3	5) 12.3 (83)	16.4 (63	-27.7 (80)	9.6 (27)	15.4 (4)	10.8 (3)	11.7 (50)	22.9 (44)	-11.6 (82)	-5.5 (80)
★ Highway Patrol Retirement System	3.5 (9	4) 13.8 (56)	23.2 (9)	-28.8 (86)	8.3 (56)	14.3 (21)	7.4 (74)	12.2 (46)	25.0 (17)	-8.4 (35)	-3.5 (44)
▲ 60/40 S&P 500/BC Aggregate	4.7 (5	2) 12.1 (84)	18.4 (38	-22.1 (48)	6.2 (90)	11.1 (82)	4.0 (98)	8.3 (90)	19.0 (84)	-9.8 (53)	-3.7 (50)





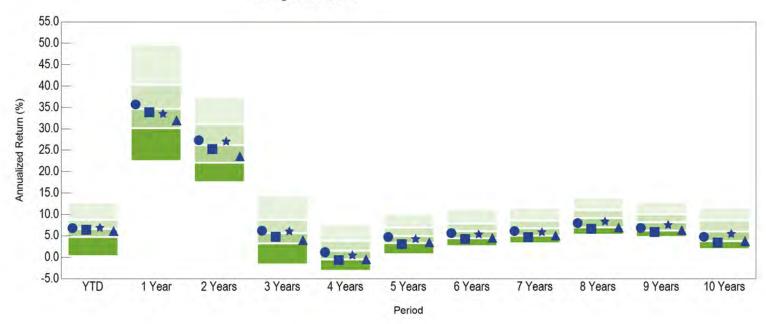
5th Percen	tile
25th Perce	ntile
Median	
75th Perce	ntile
95th Perce	ntile
# of Portfo	lios

- PERS(DB) Domestic Equity
 PERS(HC) Domestic Equity

 ★ STRS Domestic Equity
- ▲ Wilshire 5000

Return	(Rar	ık)																			
12.6		49.7		37.4		14.3		7.5		10.1		11.1		11.5		13.9	1	12.9		11.6	
8.7		40.3		31.1		8.8		3.8		6.9		7.9		8.6		11.0		10.0		8.6	
6.6		34.7		26.2		5.6		1.5		5.0		6.1		6.7		9.1		8.2		6.0	
4.7		30.2		22.1		3.3		-0.4		3.3		4.5		5.0		7.0		6.2		3.7	
0.3		22.5		17.5		-1.6		-3.1		0.8		2.6		3.3		5.2		4.7		1.9	
2,227		2,195		2,124		2,062		1,995		1,905		1,785		1,657		1,528		1,410		1,301	
6.4	(54)	32.5	(62)	23.6	(65)	3.7	(70)	-0.6	(78)	3.1	(78)	4.2	(81)	4.7	(81)	6.6	(80)	6.0	(81)	3.5	(79)
6.4	(54)	32.5	(62)	23.6	(65)	3.7	(70)	-0.6	(78)	3.1	(78)	4.2	(81)		()		()		()		()
6.8	(48)	33.3	(57)	23.7	(64)	4.5	(62)	-0.9	(82)	3.1	(78)	4.3	(79)	4.8	(79)	6.6	(81)	5.9	(82)	3.2	(82)
6.1	(59)	32.0	(64)	23.6	(65)	4.0	(67)	-0.4	(75)	3.4	(73)	4.5	(75)	5.0	(76)	6.9	(76)	6.3	(75)	3.7	(76)



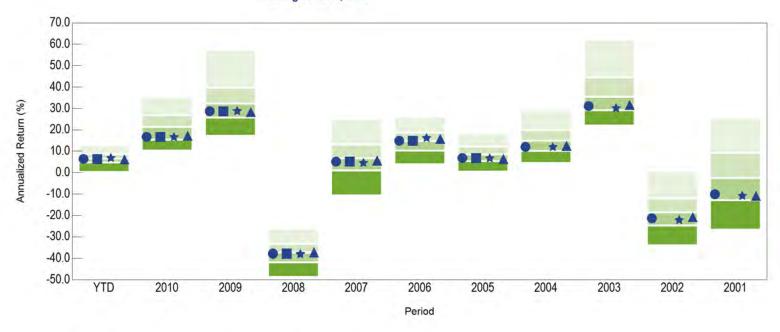


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

● OP&F Domestic Equity ■ SERS Domestic Equity ★ HPRS Domestic Equity

Return	(Rar	ık)																				
12.6	1	49.7		37.4		14.3		7.5		10.1		11.1		11.5		13.9	11	12.9		11.6		
8.7		40.3		31.1		8.8		3.8		6.9		7.9		8.6		11.0		10.0		8.6		
6.6		34.7		26.2		5.6		1.5		5.0		6.1		6.7		9.1		8.2		6.0		
4.7		30.2		22.1		3.3		-0.4		3.3		4.5		5.0		7.0		6.2		3.7		
0.3		22.5		17.5		-1.6		-3.1		0.8		2.6		3.3		5.2		4.7		1.9		
2,227		2,195		2,124		2,062		1,995		1,905		1,785		1,657		1,528		1,410		1,301		
6.8	(49)	35.7	(46)	27.3	(46)	6.2	(46)	1.2	(54)	4.7	(54)	5.6	(58)	6.1	(61)	7.9	(64)	6.8	(67)	4.7	(63)	
6.4	(54)	33.8	(54)	25.3	(55)	4.7	(59)	-0.6	(78)	3.0	(81)	4.2	(79)	4.7	(81)	6.6	(80)	5.9	(82)	3.4	(80)	
6.8	(48)	33.5	(56)	27.0	(47)	6.0	(47)	0.4	(64)	4.2	(61)	5.3	(63)	5.8	(64)	8.3	(60)	7.5	(60)	5.4	(56)	
6.1	(59)	32.0	(64)	23.6	(65)	4.0	(67)	-0.4	(75)	3.4	(73)	4.5	(75)	5.0	(76)	6.9	(76)	6.3	(75)	3.7	(76)	



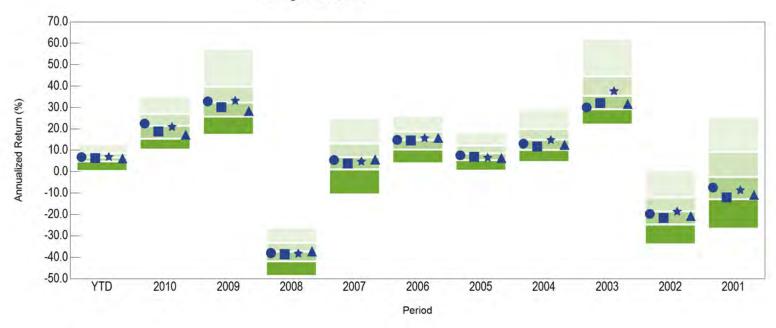


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- PERS(DB) Domestic Equity PERS(HC) Domestic Equity
- STRS Domestic Equity
- ▲ Wilshire 5000

Return	(Ran	k)																				
12.6		35.4		57.2		-26.2		25.1		25.9	1	18.2		29.1		62.2	4	0.6		25.4		
8.7		27.0		39.6		-33.4		13.2		18.7		12.1		20.0		44.7		-12.1		9.3		
6.6		21.4		32.3		-37.3		6.7		14.9		8.6		14.9		35.5		-18.5		-2.4		
4.7		15.4		25.8		-41.7		1.1		10.3		5.4		10.3		29.2		-24.6		-12.9		
0.3		10.4		17.2		-48.7		-10.6		4.0		0.5		4.5		22.1		-33.9		-26.6		
2,227		2,135		2,191		1,661		1,794		1,824		1,782		1,741		1,679		1,601		1,459		
6.4	(54)	16.7	(68)	28.7	(63)	-37.8	(53)	5.1	(58)	14.9	(51)	6.8	(64)	12.0	(67)	31.1	(67)	-21.4	(62)	-10.1	(70)	
6.4	(54)	16.7	(68)	28.7	(63)	-37.8	(53)	5.1	(58)	14.9	(51)	6.8	(64)		()		()	-	()		()	
6.8	(48)	16.6	(69)	28.8	(63)	-38.1	(54)	4.5	(61)	16.1	(42)	6.7	(66)	11.9	(67)	30.1	(71)	-22.2	(66)	-10.9	(71)	
6.1	(59)	17.2	(66)	28.3	(65)	-37.2	(50)	5.6	(56)	15.8	(44)	6.4	(68)	12.5	(63)	31.6	(64)	-20.9	(60)	-11.0	(71)	

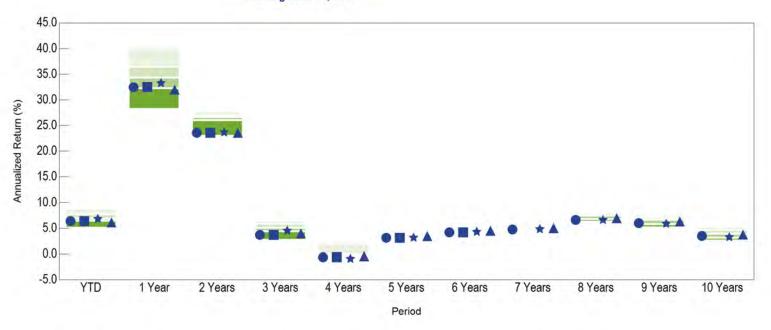




5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- **OP&F Domestic Equity**
- SERS Domestic Equity
 HPRS Domestic Equity

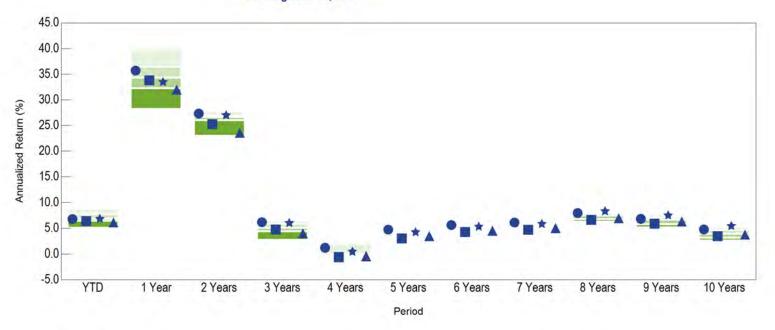
(Ran	ık)																			
	35.4		57.2		-26.2		25.1		25.9		18.2		29.1		62.2	4	0.6		25.4	
	27.0		39.6		-33.4		13.2		18.7		12.1		20.0		44.7		-12.1		9.3	
	21.4		32.3		-37.3		6.7		14.9		8.6		14.9		35.5		-18.5		-2.4	
	15.4		25.8		-41.7		1.1		10.3		5.4		10.3		29.2		-24.6		-12.9	
	10.4		17.2		-48.7		-10.6		4.0		0.5		4.5		22.1		-33.9		-26.6	
	2,135		2,191		1,661		1,794		1,824		1,782		1,741		1,679		1,601		1,459	
(49)	22.5	(47)	32.8	(49)	-38.0	(54)	5.4	(57)	14.8	(51)	7.6	(59)	13.1	(61)	30.0	(72)	-19.8	(56)	-7.5	(64)
(54)	18.7	(60)	30.1	(58)	-38.7	(58)	3.8	(64)	14.6	(53)	6.9	(64)	11.7	(68)	32.1	(62)	-21.7	(63)	-12.0	(73)
(48)	20.9	(52)	33.1	(48)	-38.3	(55)	4.7	(60)	15.6	(45)	6.5	(67)	14.7	(51)	37.6	(44)	-18.8	(51)	-8.7	(67)
(59)	17.2	(66)	28.3	(65)	-37.2	(50)	5.6	(56)	15.8	(44)	6.4	(68)	12.5	(63)	31.6	(64)	-20.9	(60)	-11.0	(71)
	(49) (54) (48)	27.0 21.4 15.4 10.4 2,135 (49) 22.5 (54) 18.7 (48) 20.9	35.4 27.0 21.4 15.4 10.4 2,135 (49) 22.5 (47) (54) 18.7 (60) (48) 20.9 (52)	35.4 57.2 27.0 39.6 21.4 32.3 15.4 25.8 10.4 17.2 2,135 2,191 (49) 22.5 (47) 32.8 (54) 18.7 (60) 30.1 (48) 20.9 (52) 33.1	35.4 57.2 27.0 39.6 21.4 32.3 15.4 25.8 10.4 17.2 2,135 2,191 (49) 22.5 (47) 32.8 (49) (54) 18.7 (60) 30.1 (58) (48) 20.9 (52) 33.1 (48)	35.4 57.2 -26.2 27.0 39.6 -33.4 21.4 32.3 -37.3 15.4 25.8 -41.7 10.4 17.2 -48.7 2,135 2,191 1,661 (49) 22.5 (47) 32.8 (49) -38.0 (54) 18.7 (60) 30.1 (58) -38.7 (48) 20.9 (52) 33.1 (48) -38.3	35.4 57.2 -26.2 27.0 39.6 -33.4 21.4 32.3 -37.3 15.4 25.8 -41.7 10.4 17.2 -48.7 2,135 2,191 1,661 (49) 22.5 (47) 32.8 (49) -38.0 (54) (54) 18.7 (60) 30.1 (58) -38.7 (58) (48) 20.9 (52) 33.1 (48) -38.3 (55)	35.4 57.2 -26.2 25.1 27.0 39.6 -33.4 13.2 21.4 32.3 -37.3 6.7 15.4 25.8 -41.7 1.1 10.4 17.2 -48.7 -10.6 2,135 2,191 1,661 1,794 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7	35.4 57.2 -26.2 25.1 27.0 39.6 -33.4 13.2 21.4 32.3 -37.3 6.7 15.4 25.8 -41.7 1.1 10.4 17.2 -48.7 -10.6 2,135 2,191 1,661 1,794 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60)	35.4 57.2 -26.2 25.1 25.9 27.0 39.6 -33.4 13.2 18.7 21.4 32.3 -37.3 6.7 14.9 15.4 25.8 -41.7 1.1 10.3 10.4 17.2 -48.7 -10.6 4.0 2,135 2,191 1,661 1,794 1,824 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6	35.4 57.2 -26.2 25.1 25.9 27.0 39.6 -33.4 13.2 18.7 21.4 32.3 -37.3 6.7 14.9 15.4 25.8 -41.7 1.1 10.3 10.4 17.2 -48.7 -10.6 4.0 2,135 2,191 1,661 1,794 1,824 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45)	35.4 57.2 -26.2 25.1 25.9 18.2 27.0 39.6 -33.4 13.2 18.7 12.1 21.4 32.3 -37.3 6.7 14.9 8.6 15.4 25.8 -41.7 1.1 10.3 5.4 10.4 17.2 -48.7 -10.6 4.0 0.5 2,135 2,191 1,661 1,794 1,824 1,782 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5	35.4 57.2 -26.2 25.1 25.9 18.2 27.0 39.6 -33.4 13.2 18.7 12.1 21.4 32.3 -37.3 6.7 14.9 8.6 15.4 25.8 -41.7 1.1 10.3 5.4 10.4 17.2 -48.7 -10.6 4.0 0.5 2,135 2,191 1,661 1,794 1,824 1,782 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67)	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 2,135 2,191 1,661 1,794 1,824 1,782 1,741 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 2,135 2,191 1,661 1,794 1,824 1,782 1,741 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51)	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 62.2 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 44.7 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 35.5 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 29.2 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 22.1 2,135 2,191 1,661 1,794 1,824 1,782 1,741 1,679 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) 30.0 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) 32.1 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51) 37.6	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 62.2 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 44.7 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 35.5 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 29.2 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 22.1 2,135 2,191 1,661 1,794 1,824 1,782 1,741 1,679 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) 30.0 (72) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) 32.1 (62) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51) 37.6 (44)	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 62.2 0.6 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 44.7 -12.1 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 35.5 -18.5 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 29.2 -24.6 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 22.1 -33.9 2,135 2,191 1,661 1,794 1,824 1,782 1,741 1,679 1,601 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) 30.0 (72) -19.8 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) 32.1 (62) -21.7 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51) 37.6 (44) -18.8	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 62.2 0.6 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 44.7 -12.1 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 35.5 -18.5 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 29.2 -24.6 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 22.1 -33.9 2,135 2,191 1,661 1,794 1,824 1,782 1,741 1,679 1,601 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) 30.0 (72) -19.8 (56) (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) 32.1 (62) -21.7 (63) (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51) 37.6 (44) -18.8 (51)	35.4 57.2 -26.2 25.1 25.9 18.2 29.1 62.2 0.6 25.4 27.0 39.6 -33.4 13.2 18.7 12.1 20.0 44.7 -12.1 9.3 21.4 32.3 -37.3 6.7 14.9 8.6 14.9 35.5 -18.5 -2.4 15.4 25.8 -41.7 1.1 10.3 5.4 10.3 29.2 -24.6 -12.9 10.4 17.2 -48.7 -10.6 4.0 0.5 4.5 22.1 -33.9 -26.6 2,135 2,191 1,661 1,794 1,824 1,782 1,741 1,679 1,601 1,459 (49) 22.5 (47) 32.8 (49) -38.0 (54) 5.4 (57) 14.8 (51) 7.6 (59) 13.1 (61) 30.0 (72) -19.8 (56) -7.5 (54) 18.7 (60) 30.1 (58) -38.7 (58) 3.8 (64) 14.6 (53) 6.9 (64) 11.7 (68) 32.1 (62) -21.7 (63) -12.0 (48) 20.9 (52) 33.1 (48) -38.3 (55) 4.7 (60) 15.6 (45) 6.5 (67) 14.7 (51) 37.6 (44) -18.8 (51) -8.7



5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

- PERS(DB) Domestic Equity
- PERS(HC) Domestic Equity
- * STRS Domestic Equity
- ▲ Wilshire 5000

Return	(Ran	k)																			
8.8		39.9	C	27.7		6.4		2.0	ř.	3.9	11	4.8		5.8		8.2	1.	7.5	+	5.2	5
7.7		36.5		27.0		5.9		0.0		3.4		4.6		5.4		7.9		7.1		4.6	
6.9		34.4		26.7		5.1		-0.1		3.3		4.5		5.2		7.5		6.7		3.9	
6.5		32.3		26.1		4.5		-0.4		3.2		4.4		5.1		6.8		5.8		3.2	
5.1		28.3		23.0		2.8		-0.5		3.1		4.3		4.7		6.3		5.1		2.6	
14		10		6		5		5		4		4		4		3		3		2	
6.4	(80)	32.5	(75)	23.6	(93)	3.7	(84)	-0.6	(99)	3.1	(89)	4.2	(99)	4.7	(95)	6.6	(84)	6.0	(71)	3.5	(65)
6.4	(80)	32.5	(75)	23.6	(93)	3.7	(84)	-0.6	(99)	3.1	(89)	4.2	(99)		()		()		()		()
6.8	(57)	33.3	(70)	23.7	(92)	4.5	(74)	-0.9	(99)	3.1	(85)	4.3	(97)	4.8	(91)	6.6	(84)	5.9	(75)	3.2	(73)
6.1	(93)	32.0	(78)	23.6	(93)	4.0	(81)	-0.4	(84)	3.4	(26)	4.5	(34)	5.0	(79)	6.9	(72)	6.3	(62)	3.7	(57)



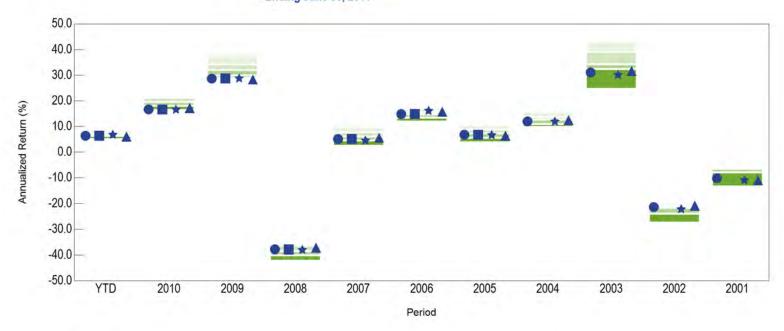
5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

OP&F Domestic Equity

■ SERS Domestic Equity

★ HPRS Domestic Equity

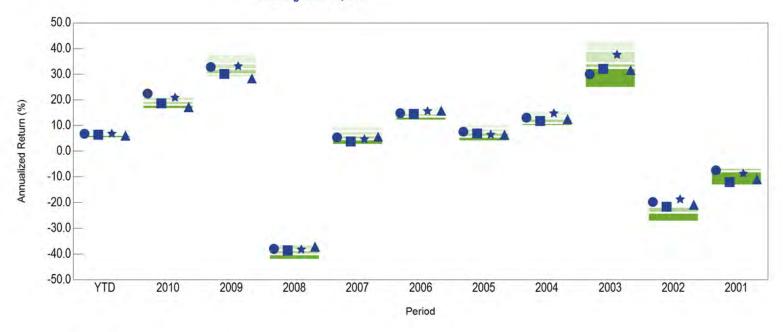
8.8		39.9		27.7		6.4		2.0		3.9	T.	4.8		5.8		8.2	4	7.5		5.2	
7.7		36.5		27.0		5.9		0.0		3.4		4.6		5.4		7.9		7.1		4.6	
6.9		34.4		26.7		5.1		-0.1		3.3		4.5		5.2		7.5		6.7		3.9	
6.5		32.3		26.1		4.5		-0.4		3.2		4.4		5.1		6.8		5.8		3.2	
5.1		28.3		23.0		2.8		-0.5		3.1		4.3		4.7		6.3		5.1		2.6	
14		10		6		5		5		4		4		4		3		3		2	
6.8 ((59)	35.7	(30)	27.3	(14)	6.2	(15)	1.2	(14)	4.7	(1)	5.6	(1)	6.1	(1)	7.9	(22)	6.8	(43)	4.7	(22)
6.4 ((85)	33.8	(64)	25.3	(84)	4.7	(65)	-0.6	(99)	3.0	(99)	4.2	(99)	4.7	(99)	6.6	(83)	5.9	(74)	3.4	(68)
6.8 ((56)	33.5	(69)	27.0	(27)	6.0	(20)	0.4	(21)	4.2	(1)	5.3	(1)	5.8	(6)	8.3	(1)	7.5	(7)	5.4	(1)
6.1 ((93)	32.0	(78)	23.6	(93)	4.0	(81)	-0.4	(84)	3.4	(26)	4.5	(34)	5.0	(79)	6.9	(72)	6.3	(62)	3.7	(57)



5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

- PERS(DB) Domestic Equity
- PERS(HC) Domestic Equity
- * STRS Domestic Equity
- ▲ Wilshire 5000

Return (Ra	ink)									
8.8	21.8	37.9	-36.2	10.0	16.9	10.4	15.6	42.9	-20.0	-5.3
7.7	21.3	34.2	-36.4	7.7	15.6	8.8	13.8	39.1	-20.9	-5.8
6.9	19.7	32.2	-38.5	6.2	14.7	7.4	12.8	34.4	-21.7	-6.5
6.5	18.1	30.0	-40.0	4.7	13.5	5.7	11.1	32.5	-23.9	-7.8
5.1	16.5	29.2	-42.1	2.5	12.0	3.9	9.9	24.8	-27.4	-13.3
14	10	10	9	9	8	8	7	6	6	6
6.4 (80	16.7 (94)	28.7 (99)	-37.8 (43)	5.1 (72)	14.9 (41)	6.8 (62)	12.0 (64)	31.1 (82)	-21.4 (36)	-10.1 (86)
6.4 (80	16.7 (94)	28.7 (99)	-37.8 (43)	5.1 (72)	14.9 (41)	6.8 (63)	()	()	()	()
6.8 (57	16.6 (95)	28.8 (99)	-38.1 (46)	4.5 (81)	16.1 (20)	6.7 (64)	11.9 (65)	30.1 (84)	-22.2 (64)	-10.9 (89)
6.1 (93	17.2 (90)	28.3 (99)	-37.2 (36)	5.6 (67)	15.8 (24)	6.4 (67)	12.5 (56)	31.6 (81)	-20.9 (24)	-11.0 (89)



5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

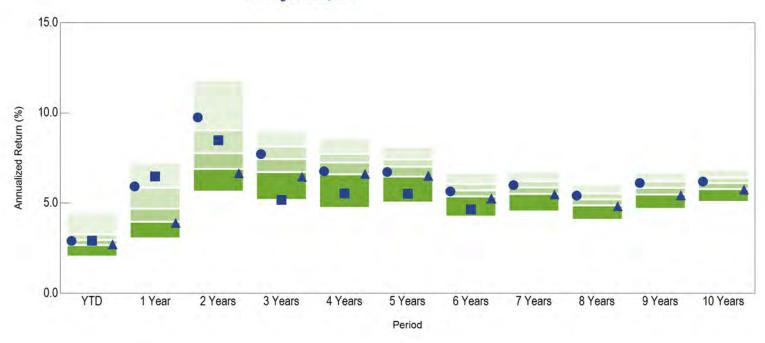
OP&F Domestic Equity

SERS Domestic Equity

★ HPRS Domestic Equity

Return	n (Ran	k)																			
8.8		21.8		37.9		-36.2		10.0		16.9		10.4		15.6		42.9		-20.0		-5.3	
7.7		21.3		34.2		-36.4		7.7		15.6		8.8		13.8		39.1		-20.9		-5.8	
6.9		19.7		32.2		-38.5		6.2		14.7		7.4		12.8		34.4		-21.7		-6.5	
6.5		18.1		30.0		-40.0		4.7		13.5		5.7		11.1		32.5		-23.9		-7.8	
5.1		16.5		29.2		-42.1		2.5		12.0		3.9		9.9		24.8		-27.4		-13.3	
14		10		10		9		9		8		8		7		6		6		6	
6.8	(59)	22.5	(1)	32.8	(47)	-38.0	(45)	5.4	(70)	14.8	(43)	7.6	(43)	13.1	(33)	30.0	(85)	-19.8	(1)	-7.5	(71)
6.4	(85)	18.7	(63)	30.1	(74)	-38.7	(53)	3.8	(90)	14.6	(59)	6.9	(62)	11.7	(68)	32.1	(80)	-21.7	(50)	-12.0	(92)
6.8	(56)	20.9	(38)	33.1	(45)	-38.3	(48)	4.7	(76)	15.6	(26)	6.5	(66)	14.7	(15)	37.6	(31)	-18.8	(1)	-8.7	(82)
6.1	(93)	17.2	(90)	28.3	(99)	-37.2	(36)	5.6	(67)	15.8	(24)	6.4	(67)	12.5	(56)	31.6	(81)	-20.9	(24)	-11.0	(89)

US Core Accounts Ending June 30, 2011

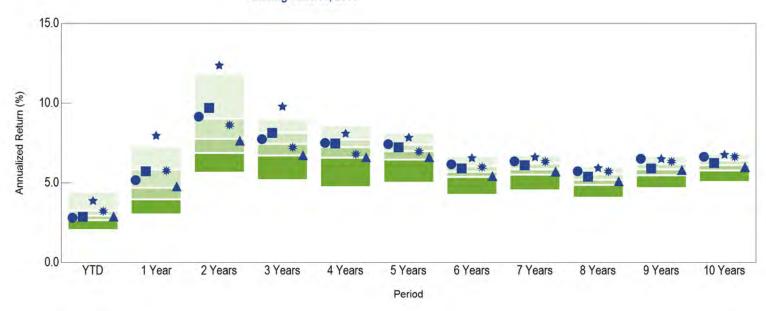


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

PERS(DB) Core FixedPERS(HC) Core Fixed

Return	(Rank	()																				
4.5		7.3		11.8		9.0		8.6		8.1		6.7		6.7		6.0		6.7		6.9		
3.3		5.9		9.0		8.2		7.7		7.4		6.1		6.2		5.6		6.2		6.4		
3.0		4.7		7.8		7.5		7.3		7.0		5.7		5.9		5.2		5.9		6.1		
2.7		4.0		6.9		6.7		6.6		6.5		5.4		5.5		4.9		5.5		5.8		
2.0		3.0		5.7		5.2		4.7		5.0		4.3		4.6		4.1		4.7		5.1		
169		168		164		161		159		155		153		149		145		145		144		
2.9	(54)	5.9	(25)	9.8	(18)	7.7	(39)	6.8	(68)	6.7	(64)	5.7	(56)	6.0	(44)	5.4	(38)	6.1	(31)	6.2	(44)	
2.9	(54)	6.5	(13)	8.5	(40)	5.2	(96)	5.5	(92)	5.5	(93)	4.6	(93)		()		()		()	-	()	
2.7	(70)	3.9	(76)	6.7	(80)	6.5	(83)	6.6	(73)	6.5	(74)	5.3	(79)	5.5	(78)	4.8	(79)	5.4	(80)	5.7	(78)	





5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- STRS Global Fixed
- OP&F Core Fixed
- * SERS Global Fixed
- * HPRS Global Fixed Income
- ▲ Barclays Capital U.S. Universal

Retur	(Rank	()																			
4.5	•	7.3		11.8		9.0		8.6		8.1		6.7		6.7		6.0		6.7		6.9	
3.3		5.9		9.0		8.2		7.7		7.4		6.1		6.2		5.6		6.2		6.4	
3.0		4.7		7.8		7.5		7.3		7.0		5.7		5.9		5.2		5.9		6.1	
2.7		4.0		6.9		6.7		6.6		6.5		5.4		5.5		4.9		5.5		5.8	
2.0		3.0		5.7		5.2		4.7		5.0		4.3		4.6		4.1		4.7		5.1	
169		168		164		161		159		155		153		149		145		145		144	
2.8	(58)	5.2	(38)	9.2	(24)	7.7	(37)	7.5	(36)	7.4	(25)	6.2	(21)	6.4	(19)	5.7	(18)	6.5	(11)	6.6	(14)
2.9	(56)	5.7	(27)	9.7	(19)	8.1	(26)	7.5	(36)	7.2	(36)	5.9	(36)	6.1	(38)	5.4	(41)	5.9	(49)	6.2	(40)
3.9	(10)	8.0	(2)	12.4	(3)	9.8	(2)	8.1	(16)	7.8	(13)	6.6	(10)	6.6	(11)	5.9	(9)	6.5	(11)	6.8	(9)
3.2	(30)	5.8	(27)	8.6	(35)	7.2	(60)	6.8	(67)	7.0	(54)	6.0	(32)	6.3	(20)	5.7	(18)	6.3	(17)	6.6	(14)
2.9	(54)	4.8	(48)	7.7	(54)	6.7	(75)	6.6	(75)	6.6	(71)	5.4	(70)	5.7	(63)	5.1	(59)	5.8	(55)	6.0	(61)

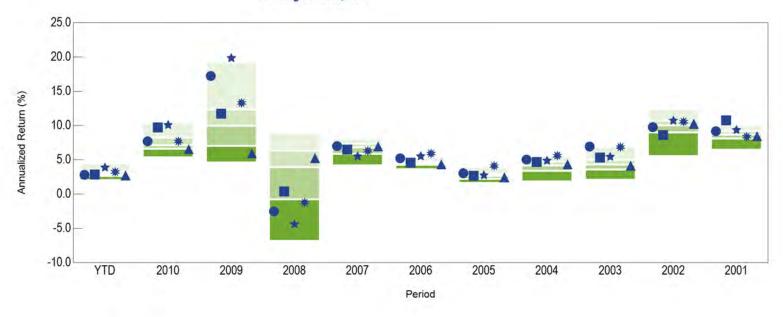


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

PERS(DB) Core Fixed PERS(HC) Core Fixed

Return	(Ran	k)																				
4.5		10.4		19.2		8.9		8.1		5.4		3.9		5.5		6.9		12.4		10.0		
3.3		8.3		12.4		6.4		7.4		4.8		3.0		4.8		5.0		10.8		9.2		
3.0		7.2		10.0		4.0		6.8		4.6		2.7		4.2		4.3		10.0		8.7		
2.7		6.6		7.1		-0.8		5.9		4.3		2.3		3.4		3.6		9.0		8.2		
2.0		5.4		4.6		-6.8		4.2		3.7		1.6		1.9		2.1		5.6		6.5		
169		155		152		183		224		252		263		266		261		252		235		
2.9	(54)	10.8	(4)	8.0	(68)	0.2	(72)	6.0	(73)	5.3	(7)	3.8	(6)	5.2	(8)	6.5	(7)	8.9	(78)	9.1	(30)	
2.9	(54)	8.9	(14)	9.2	(59)	-4.0	(89)	7.3	(32)	3.4	(97)	3.4	(9)		()		()		()		()	
2.7	(70)	6.5	(77)	5.9	(85)	5.2	(35)	7.0	(44)	4.3	(71)	2.4	(69)	4.3	(46)	4.1	(59)	10.3	(43)	8.4	(63)	



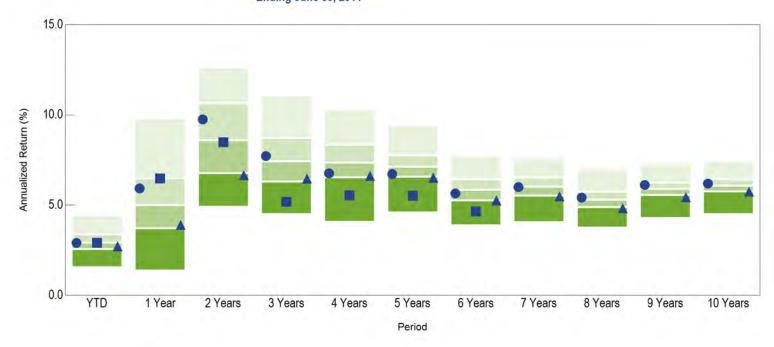


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- STRS Global Fixed
- OP&F Core Fixed
- * SERS Global Fixed
- * HPRS Global Fixed Income
- Barclays Capital Aggregate

Return	(Ran	k)																				
4.5		10.4		19.2		8.9		8.1		5.4		3.9		5.5		6.9		12.4		10.0		
3.3		8.3		12.4		6.4		7.4		4.8		3.0		4.8		5.0		10.8		9.2		
3.0		7.2		10.0		4.0		6.8		4.6		2.7		4.2		4.3		10.0		8.7		
2.7		6.6		7.1		-0.8		5.9		4.3		2.3		3.4		3.6		9.0		8.2		
2.0		5.4		4.6		-6.8		4.2		3.7		1.6		1.9		2.1		5.6		6.5		
169		155		152		183		224		252		263		266		261		252		235		
2.8	(58)	7.7	(36)	17.2	(9)	-2.5	(84)	7.0	(42)	5.2	(9)	3.0	(20)	5.0	(16)	6.9	(5)	9.8	(60)	9.2	(27)	
2.9	(56)	9.7	(8)	11.8	(32)	0.4	(70)	6.5	(62)	4.6		2.7	(51)	4.7	(31)	5.3	(19)	8.6	(80)	10.8	(3)	
3.9	(10)	10.1	(7)	19.8	(5)	-4.4	(90)	5.5	(82)	5.5	(4)	2.7	(44)	4.9	(21)	5.4	(18)	10.7	(28)	9.3	(19)	
3.2	(30)	7.7	(36)	13.3	(19)	-1.2	(77)	6.3	(66)	5.9	(2)	4.1	(5)	5.6	(5)	6.9	(6)	10.6	(30)	8.4	(64)	
2.7	(70)	6.5	(77)	5.9	(85)	5.2	(35)	7.0	(44)	4.3	(71)	2.4	(69)	4.3	(46)	4.1	(59)	10.3	(43)	8.4	(63)	

IF All DB US Fix Inc Gross Accounts Ending June 30, 2011

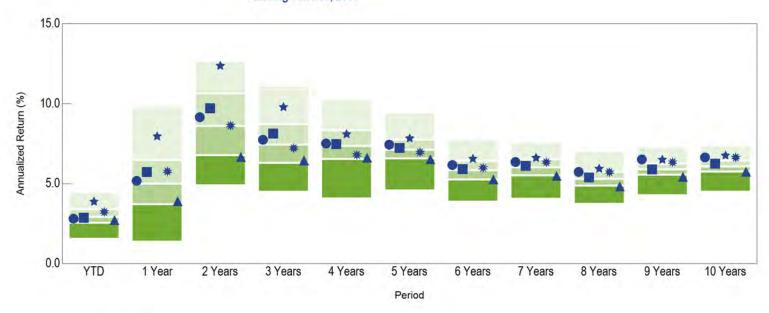


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

PERS(DB) Core Fixed PERS(HC) Core Fixed

Return	(Rank	k)																			
4.4		9.8		12.7		11.1		10.3		9.4		7.8		7.6		7.0		7.3		7.4	
3.4		6.5		10.7		8.7		8.4		7.8		6.4		6.5		5.7		6.2		6.5	
2.9		5.0		8.6		7.4		7.4		7.1		5.9		6.0		5.3		5.9		6.1	
2.6		3.7		6.8		6.3		6.6		6.6		5.3		5.5		4.9		5.6		5.8	
1.6		1.4		4.9		4.5		4.1		4.6		3.9		4.1		3.8		4.3		4.5	
123		123		121		118		103		94		92		87		86		82		73	
2.9	(52)	5.9	(34)	9.8	(33)	7.7	(43)	6.8	(71)	6.7	(68)	5.7	(55)	6.0	(53)	5.4	(41)	6.1	(33)	6.2	(41)
2.9	(52)	6.5	(26)	8.5	(53)	5.2	(88)	5.5	(85)	5.5	(88)	4.6	(87)		()		()		()		()
2.7	(62)	3.9	(72)	6.7	(78)	6.5	(73)	6.6	(75)	6.5	(78)	5.3	(76)	5.5	(77)	4.8	(78)	5.4	(82)	5.7	(76)

IF All DB US Fix Inc Gross Accounts Ending June 30, 2011

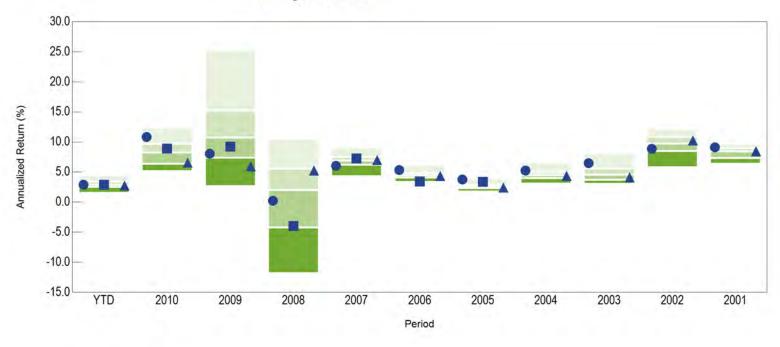


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- STRS Global Fixed
- OP&F Core Fixed
- * SERS Global Fixed
- * HPRS Global Fixed Income
- Barclays Capital Aggregate

Return	(Rank	()																				
4.4		9.8		12.7		11.1		10.3		9.4		7.8		7.6		7.0		7.3		7.4		
3.4		6.5		10.7		8.7		8.4		7.8		6.4		6.5		5.7		6.2		6.5		
2.9		5.0		8.6		7.4		7.4		7.1		5.9		6.0		5.3		5.9		6.1		
2.6		3.7		6.8		6.3		6.6		6.6		5.3		5.5		4.9		5.6		5.8		
1.6		1.4		4.9		4.5		4.1		4.6		3.9		4.1		3.8		4.3		4.5		
123		123		121		118		103		94		92		87		86		82		73		
2.8	(57)	5.2	(49)	9.2	(40)	7.7	(43)	7.5	(45)	7.4	(39)	6.2	(37)	6.4	(31)	5.7	(28)	6.5	(16)	6.6	(18)	
2.9	(54)	5.7	(40)	9.7	(34)	8.1	(37)	7.5	(45)	7.2	(46)	5.9	(46)	6.1	(43)	5.4	(43)	5.9	(51)	6.2	(37)	
3.9	(13)	8.0	(12)	12.4	(10)	9.8	(15)	8.1	(28)	7.8	(25)	6.6	(24)	6.6	(23)	5.9	(20)	6.5	(16)	6.8	(15)	
3.2	(33)	5.8	(39)	8.6	(50)	7.2	(58)	6.8	(70)	7.0	(62)	6.0	(41)	6.3	(31)	5.7	(29)	6.3	(24)	6.6	(19)	
2.7	(62)	3.9	(72)	6.7	(78)	6.5	(73)	6.6	(75)	6.5	(78)	5.3	(76)	5.5	(77)	4.8	(78)	5.4	(82)	5.7	(76)	



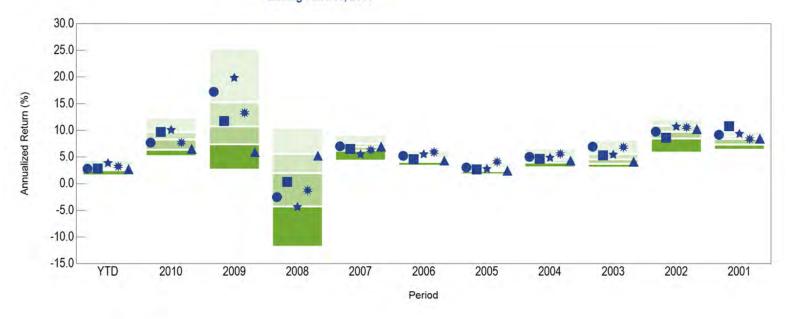


5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

PERS(DB) Core Fixed PERS(HC) Core Fixed

Return	(Ran	k)																				
4.4	•	12.4		25.3		10.4		9.1		6.1		3.9		6.6		8.1		12.1		9.7		
3.4		9.7		15.3		5.6		7.5		4.8		2.9		5.0		5.6		10.9		8.9		
2.9		8.3		10.8		2.0		6.9		4.5		2.7		4.5		4.6		9.8		8.5		
2.6		6.4		7.4		-4.2		6.2		4.1		2.4		4.0		3.7		8.5		7.4		
1.6		5.2		2.7		-11.8		4.3		3.4		1.8		3.1		3.1		5.8		6.4		
123		128		124		121		101		96		93		89		86		81		77		
2.9	(52)	10.8	(15)	8.0	(72)	0.2	(58)	6.0	(81)	5.3	(16)	3.8	(7)	5.2	(16)	6.5	(13)	8.9	(69)	9.1	(19)	
2.9	(52)	8.9	(35)	9.2	(60)	-4.0	(74)	7.3	(35)	3.4	(95)	3.4	(14)		()		()		()		()	
2.7	(62)	6.5	(71)	5.9	(84)	5.2	(28)	7.0	(50)	4.3	(64)	2.4	(69)	4.3	(60)	4.1	(64)	10.3	(38)	8.4	(54)	

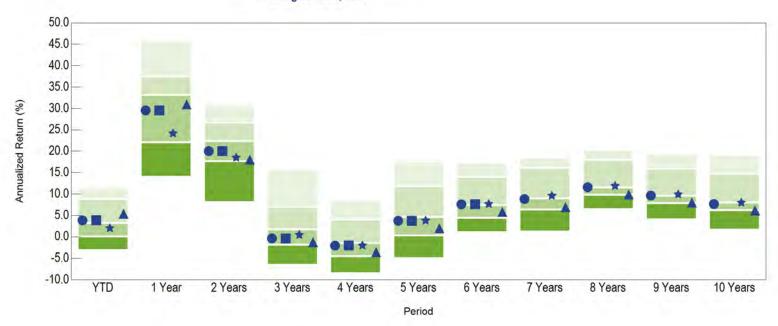
IF All DB US Fix Inc Gross Accounts Ending June 30, 2011



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- STRS Global Fixed
- OP&F Core Fixed
- * SERS Global Fixed
- * HPRS Global Fixed Income
- Barclays Capital Aggregate

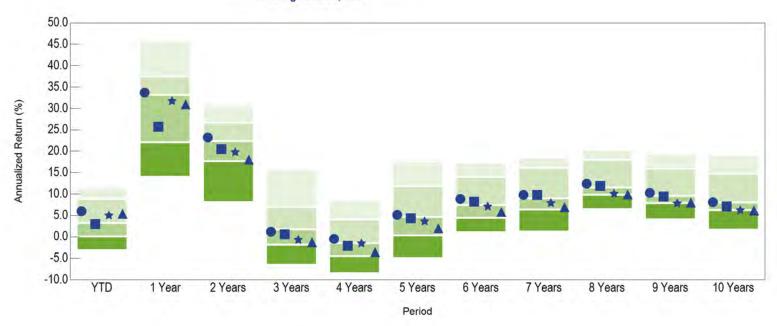
Return	(Ran	k)																			
4.4		12.4		25.3		10.4		9.1		6.1		3.9		6.6		8.1		12.1		9.7	
3.4		9.7		15.3		5.6		7.5		4.8		2.9		5.0		5.6		10.9		8.9	
2.9		8.3		10.8		2.0		6.9		4.5		2.7		4.5		4.6		9.8		8.5	
2.6		6.4		7.4		-4.2		6.2		4.1		2.4		4.0		3.7		8.5		7.4	
1.6		5.2		2.7		-11.8		4.3		3.4		1.8		3.1		3.1		5.8		6.4	
123		128		124		121		101		96		93		89		86		81		77	
2.8	(57)	7.7	(55)	17.2	(22)	-2.5	(69)	7.0	(49)	5.2	(17)	3.0	(22)	5.0	(25)	6.9	(9)	9.8	(51)	9.2	(17)
2.9	(54)	9.7	(25)	11.8	(48)	0.4	(57)	6.5	(65)	4.6	(47)	2.7	(53)	4.7	(37)	5.3	(33)	8.6	(74)	10.8	(1)
3.9	(13)	10.1	(21)	19.8	(14)	-4.4	(77)	5.5	(88)	5.5	(12)	2.7	(42)	4.9	(29)	5.4	(30)	10.7	(27)	9.3	(14)
3.2	(33)	7.7	(55)	13.3	(37)	-1.2	(64)	6.3	(74)	5.9	(8)	4.1	(4)	5.6	(12)	6.9	(9)	10.6	(30)	8.4	(57)
2.7	(62)	6.5	(71)	5.9	(84)	5.2	(28)	7.0	(50)	4.3	(64)	2.4	(69)	4.3	(60)	4.1	(64)	10.3	(38)	8.4	(54)



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

- PERS(DB) International Equity PERS(HC) International Equity
- STRS International Equity
- **MSCI EAFE Gross**

Return	(Ran	k)																			
11.5		45.8		30.7		15.7		8.5		17.6		17.2		18.5		20.3		19.3		19.0	-
8.9		37.6		26.7		7.0		4.1		11.9		14.0		16.1		18.0		15.9		14.8	
3.3		33.2		22.4		1.8		-1.5		4.7		7.4		9.0		11.6		9.6		8.1	
0.1		22.2		17.7		-1.8		-4.5		0.3		4.5		6.4		9.8		7.9		6.3	
-3.1		14.0		8.1		-6.5		-8.4		-4.9		1.1		1.2		6.5		4.1		1.7	
72		71		71		69		65		64		57		54		51		47		45	
3.8	(46)	29.5	(61)	20.0	(66)	-0.4	(64)	-2.1	(59)	3.7	(57)	7.6	(48)	8.8	(53)	11.6	(51)	9.6	(50)	7.6	(57)
3.8	(46)	29.5	(61)	20.0	(66)	-0.4	(64)	-2.1	(59)	3.7	(56)	7.6	(48)		()		()		()		()
2.0	(59)	24.2	(73)	18.5	(73)	0.4	(57)	-2.1	(59)	3.8	(56)	7.6	(48)	9.6	(44)	11.9	(47)	9.9	(46)	8.0	(51)
5.3	(42)	30.9	(59)	18.0	(74)	-1.3	(73)	-3.6	(71)	2.0	(70)	5.8	(66)	6.9	(71)	9.9	(75)	8.0	(74)	6.1	(76)



5th Percentile
25th Percentile
Median
75th Percentile
95th Percentile
of Portfolios

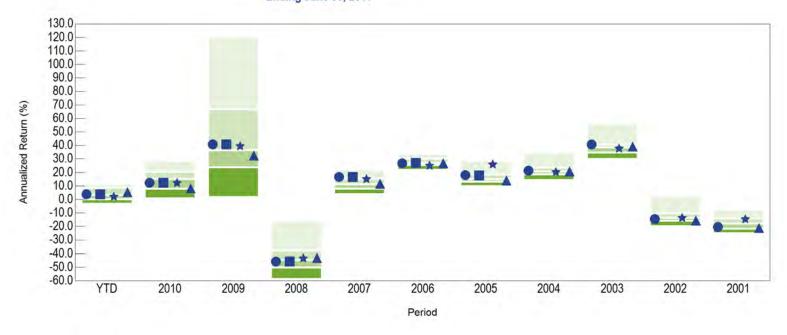
OP&F International Equity

SERS International Equity

HPRS International Equity

MSCI EAFE Gross

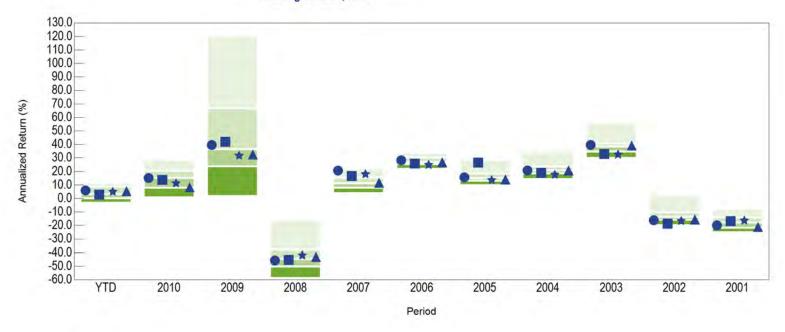
Return	(Ran	k)																			
11.5		45.8		30.7		15.7		8.5		17.6		17.2		18.5		20.3		19.3		19.0	
8.9		37.6		26.7		7.0		4.1		11.9		14.0		16.1		18.0		15.9		14.8	
3.3		33.2		22.4		1.8		-1.5		4.7		7.4		9.0		11.6		9.6		8.1	
0.1		22.2		17.7		-1.8		-4.5		0.3		4.5		6.4		9.8		7.9		6.3	
-3.1		14.0		8.1		-6.5		-8.4		-4.9		1.1		1.2		6.5		4.1		1.7	
72		71		71		69		65		64		57		54		51		47		45	
5.9	(40)	33.7	(46)	23.2	(45)	1.2	(54)	-0.5	(45)	5.1	(49)	8.8	(40)	9.8	(43)	12.4	(44)	10.3	(43)	8.1	(50)
2.9	(56)	25.7	(67)	20.5	(63)	0.6	(57)	-2.1	(59)	4.3	(52)	8.2	(43)	9.8	(43)	11.8	(47)	9.4	(53)	7.1	(65)
5.0	(43)	31.7	(55)	19.7	(68)	-0.7	(66)	-1.6	(53)	3.6	(58)	7.0	(57)	7.9	(61)	10.0	(70)	7.8	(77)	6.2	(76)
5.3	(42)	30.9	(59)	18.0	(74)	-1.3	(73)	-3.6	(71)	2.0	(70)	5.8	(66)	6.9	(71)	9.9	(75)	8.0	(74)	6.1	(76)



5th Perc	entile
25th Per	centile
Median	
75th Per	centile
95th Per	centile
# of Port	folios

- PERS(DB) International Equity
- PERS(HC) International Equity
- * STRS International Equity
- MSCI EAFE Gross

(Ran	k)																			
	28.4		120.3		-15.9		22.0		33.6		28.4		34.8		56.3		2.1		-7.8	
	20.7		66.8		-38.0		15.4		30.4		18.4		23.6		40.8		-10.2		-14.0	
	15.5		36.6		-44.6		11.3		27.1		15.1		20.9		38.6		-13.5		-17.8	
	8.0		23.9		-49.9		8.0		25.6		13.2		18.7		34.9		-15.8		-21.5	
	0.9		1.8		-58.5		3.9		22.0		10.0		14.5		30.2		-19.7		-25.0	
	72		73		83		89		88		94		96		96		93		82	
(46)	12.3	(62)	40.8	(43)	-45.8	(54)	16.7	(17)	26.8	(54)	18.0	(28)	21.3	(46)	40.7	(27)	-14.5	(58)	-20.4	(61)
(46)	12.3	(62)	40.8	(43)	-45.8	(54)	16.7	(17)	26.9	(53)	17.8	(29)		()		()	-	()		()
(59)	12.2	(62)	39.4	(44)	-43.5	(43)	15.1	(29)	25.0	(83)	25.9	(7)	20.3	(59)	37.7	(58)	-13.7	(51)	-14.6	(29)
(42)	8.2	(75)	32.5	(60)	-43.1	(40)	11.6	(43)	26.9	(53)	14.0	(61)	20.7	(52)	39.2	(44)	-15.7	(74)	-21.2	(68)
	(46) (46) (59)	20.7 15.5 8.0 0.9 72 (46) 12.3 (46) 12.3 (59) 12.2	28.4 20.7 15.5 8.0 0.9 72 (46) 12.3 (62) (46) 12.3 (62) (59) 12.2 (62)	28.4 120.3 20.7 66.8 15.5 36.6 8.0 23.9 0.9 1.8 72 73 (46) 12.3 (62) 40.8 (46) 12.3 (62) 40.8 (59) 12.2 (62) 39.4	28.4 120.3 20.7 66.8 15.5 36.6 8.0 23.9 0.9 1.8 72 73 (46) 12.3 (62) 40.8 (43) (46) 12.3 (62) 40.8 (43) (59) 12.2 (62) 39.4 (44)	28.4 120.3 -15.9 20.7 66.8 -38.0 15.5 36.6 -44.6 8.0 23.9 -49.9 0.9 1.8 -58.5 72 73 83 (46) 12.3 (62) 40.8 (43) -45.8 (46) 12.3 (62) 40.8 (43) -45.8 (59) 12.2 (62) 39.4 (44) -43.5	28.4 120.3 -15.9 20.7 66.8 -38.0 15.5 36.6 -44.6 8.0 23.9 -49.9 0.9 1.8 -58.5 72 73 83 (46) 12.3 (62) 40.8 (43) -45.8 (54) (46) 12.3 (62) 40.8 (43) -45.8 (54) (59) 12.2 (62) 39.4 (44) -43.5 (43)	28.4 120.3 -15.9 22.0 20.7 66.8 -38.0 15.4 15.5 36.6 -44.6 11.3 8.0 23.9 -49.9 8.0 0.9 1.8 -58.5 3.9 72 73 83 89 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1	28.4 120.3 -15.9 22.0 20.7 66.8 -38.0 15.4 15.5 36.6 -44.6 11.3 8.0 23.9 -49.9 8.0 0.9 1.8 -58.5 3.9 72 73 83 89 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29)	28.4 120.3 -15.9 22.0 33.6 20.7 66.8 -38.0 15.4 30.4 15.5 36.6 -44.6 11.3 27.1 8.0 23.9 -49.9 8.0 25.6 0.9 1.8 -58.5 3.9 22.0 72 73 83 89 88 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0	28.4 120.3 -15.9 22.0 33.6 20.7 66.8 -38.0 15.4 30.4 15.5 36.6 -44.6 11.3 27.1 8.0 23.9 -49.9 8.0 25.6 0.9 1.8 -58.5 3.9 22.0 72 73 83 89 88 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83)	28.4 120.3 -15.9 22.0 33.6 28.4 20.7 66.8 -38.0 15.4 30.4 18.4 15.5 36.6 -44.6 11.3 27.1 15.1 8.0 23.9 -49.9 8.0 25.6 13.2 0.9 1.8 -58.5 3.9 22.0 10.0 72 73 83 89 88 94 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9	28.4 120.3 -15.9 22.0 33.6 28.4 20.7 66.8 -38.0 15.4 30.4 18.4 15.5 36.6 -44.6 11.3 27.1 15.1 8.0 23.9 -49.9 8.0 25.6 13.2 0.9 1.8 -58.5 3.9 22.0 10.0 72 73 83 89 88 94 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 72 73 83 89 88 94 96 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) -659) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 72 73 83 89 88 94 96 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 72 73 83 89 88 94 96 96 96 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 40.7 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () -59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59) 37.7	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 72 73 83 89 88 94 96 96 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 40.7 (27) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () () (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59) 37.7 (58)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 72 73 83 89 88 94 96 96 96 93 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 40.7 (27) -14.5 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () () (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59) 37.7 (58) -13.7	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 72 73 83 89 88 94 96 96 93 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 40.7 (27) -14.5 (58) (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () () (-5) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59) 37.7 (58) -13.7 (51)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 -7.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 -14.0 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 -17.8 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 -21.5 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 -25.0 72 73 83 89 88 94 96 96 96 93 82 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.8 (54) 18.0 (28) 21.3 (46) 40.7 (27) -14.5 (58) -20.4 (46) 12.3 (62) 40.8 (43) -45.8 (54) 16.7 (17) 26.9 (53) 17.8 (29) () () () (59) 12.2 (62) 39.4 (44) -43.5 (43) 15.1 (29) 25.0 (83) 25.9 (7) 20.3 (59) 37.7 (58) -13.7 (51) -14.6



5th Percentile 25th Percentile Median 75th Percentile 95th Percentile # of Portfolios

- OP&F International Equity
- SERS International Equity
- * HPRS International Equity

▲ MSCI EAFE Gross

ı (Ran	k)																			
	28.4		120.3		-15.9		22.0		33.6		28.4		34.8		56.3		2.1		-7.8	
	20.7		66.8		-38.0		15.4		30.4		18.4		23.6		40.8		-10.2		-14.0	
	15.5		36.6		-44.6		11.3		27.1		15.1		20.9		38.6		-13.5		-17.8	
	8.0		23.9		-49.9		8.0		25.6		13.2		18.7		34.9		-15.8		-21.5	
	0.9		1.8		-58.5		3.9		22.0		10.0		14.5		30.2		-19.7		-25.0	
	72		73		83		89		88		94		96		96		93		82	
(40)	15.1	(52)	39.6	(44)	-45.7	(53)	20.6	(6)	28.2	(37)	15.6	(44)	20.7	(52)	39.6	(37)	-16.2	(79)	-19.9	(58)
(56)	13.7	(59)	41.9	(38)	-45.3	(51)	16.6	(17)	25.9	(72)	26.5	(7)	19.0	(72)	33.0	(83)	-18.6	(94)	-16.9	(45)
(43)	11.2	(67)	31.7	(61)	-42.0	(35)	18.0	(14)	24.9	(83)	13.6	(75)	17.6	(82)	32.5	(87)	-16.7	(84)	-16.3	(39)
(42)	8.2	(75)	32.5	(60)	-43.1	(40)	11.6	(43)	26.9	(53)	14.0	(61)	20.7	(52)	39.2	(44)	-15.7	(74)	-21.2	(68)
	(40) (56) (43)	20.7 15.5 8.0 0.9 72 (40) 15.1 (56) 13.7 (43) 11.2	28.4 20.7 15.5 8.0 0.9 72 (40) 15.1 (52) (56) 13.7 (59) (43) 11.2 (67)	28.4 120.3 20.7 66.8 15.5 36.6 8.0 23.9 0.9 1.8 72 73 (40) 15.1 (52) 39.6 (56) 13.7 (59) 41.9 (43) 11.2 (67) 31.7	28.4 120.3 20.7 66.8 15.5 36.6 8.0 23.9 0.9 1.8 72 73 (40) 15.1 (52) 39.6 (44) (56) 13.7 (59) 41.9 (38) (43) 11.2 (67) 31.7 (61)	28.4 120.3 -15.9 20.7 66.8 -38.0 15.5 36.6 -44.6 8.0 23.9 -49.9 0.9 1.8 -58.5 72 73 83 (40) 15.1 (52) 39.6 (44) -45.7 (56) 13.7 (59) 41.9 (38) -45.3 (43) 11.2 (67) 31.7 (61) -42.0	28.4 120.3 -15.9 20.7 66.8 -38.0 15.5 36.6 -44.6 8.0 23.9 -49.9 0.9 1.8 -58.5 72 73 83 (40) 15.1 (52) 39.6 (44) -45.7 (53) (56) 13.7 (59) 41.9 (38) -45.3 (51) (43) 11.2 (67) 31.7 (61) -42.0 (35)	28.4 120.3 -15.9 22.0 20.7 66.8 -38.0 15.4 15.5 36.6 -44.6 11.3 8.0 23.9 -49.9 8.0 0.9 1.8 -58.5 3.9 72 73 83 89 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0	28.4 120.3 -15.9 22.0 20.7 66.8 -38.0 15.4 15.5 36.6 -44.6 11.3 8.0 23.9 -49.9 8.0 0.9 1.8 -58.5 3.9 72 73 83 89 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14)	28.4 120.3 -15.9 22.0 33.6 20.7 66.8 -38.0 15.4 30.4 15.5 36.6 -44.6 11.3 27.1 8.0 23.9 -49.9 8.0 25.6 0.9 1.8 -58.5 3.9 22.0 72 73 83 89 88 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9	28.4 120.3 -15.9 22.0 33.6 20.7 66.8 -38.0 15.4 30.4 15.5 36.6 -44.6 11.3 27.1 8.0 23.9 -49.9 8.0 25.6 0.9 1.8 -58.5 3.9 22.0 72 73 83 89 88 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83)	28.4 120.3 -15.9 22.0 33.6 28.4 20.7 66.8 -38.0 15.4 30.4 18.4 15.5 36.6 -44.6 11.3 27.1 15.1 8.0 23.9 -49.9 8.0 25.6 13.2 0.9 1.8 -58.5 3.9 22.0 10.0 72 73 83 89 88 94 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6	28.4 120.3 -15.9 22.0 33.6 28.4 20.7 66.8 -38.0 15.4 30.4 18.4 15.5 36.6 -44.6 11.3 27.1 15.1 8.0 23.9 -49.9 8.0 25.6 13.2 0.9 1.8 -58.5 3.9 22.0 10.0 72 73 83 89 88 94 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 72 73 83 89 88 94 96 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 72 73 83 89 88 94 96 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 72 73 83 89 88 94 96 96 96 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) 39.6 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) 33.0 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82) 32.5	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 72 73 83 89 88 94 96 96 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) 39.6 (37) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) 33.0 (83) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82) 32.5 (87)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 72 73 83 89 88 94 96 96 93 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) 39.6 (37) -16.2 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) 33.0 (83) -18.6 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82) 32.5 (87) -16.7	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 72 73 83 89 88 94 96 96 93 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) 39.6 (37) -16.2 (79) (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) 33.0 (83) -18.6 (94) (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82) 32.5 (87) -16.7 (84)	28.4 120.3 -15.9 22.0 33.6 28.4 34.8 56.3 2.1 -7.8 20.7 66.8 -38.0 15.4 30.4 18.4 23.6 40.8 -10.2 -14.0 15.5 36.6 -44.6 11.3 27.1 15.1 20.9 38.6 -13.5 -17.8 8.0 23.9 -49.9 8.0 25.6 13.2 18.7 34.9 -15.8 -21.5 0.9 1.8 -58.5 3.9 22.0 10.0 14.5 30.2 -19.7 -25.0 72 73 83 89 88 94 96 96 96 93 82 (40) 15.1 (52) 39.6 (44) -45.7 (53) 20.6 (6) 28.2 (37) 15.6 (44) 20.7 (52) 39.6 (37) -16.2 (79) -19.9 (56) 13.7 (59) 41.9 (38) -45.3 (51) 16.6 (17) 25.9 (72) 26.5 (7) 19.0 (72) 33.0 (83) -18.6 (94) -16.9 (43) 11.2 (67) 31.7 (61) -42.0 (35) 18.0 (14) 24.9 (83) 13.6 (75) 17.6 (82) 32.5 (87) -16.7 (84) -16.3