

# Oklahoma State Pension Commission

# Third Quarter 2006 Investment Performance Analysis

November, 2006

Allan Martin, Partner Kevin Tatlow, Consultant



"Advancing Your Investments"

NEW ENGLAND PENSION CONSULTANTS

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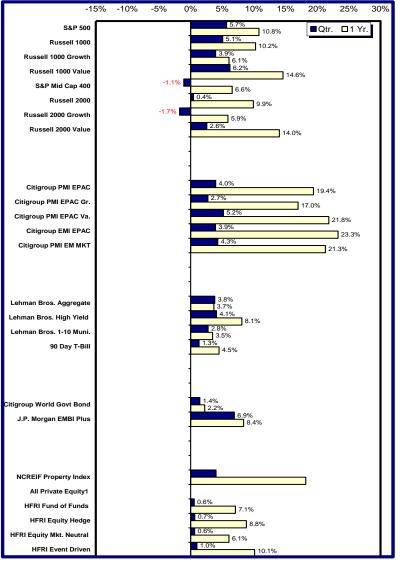
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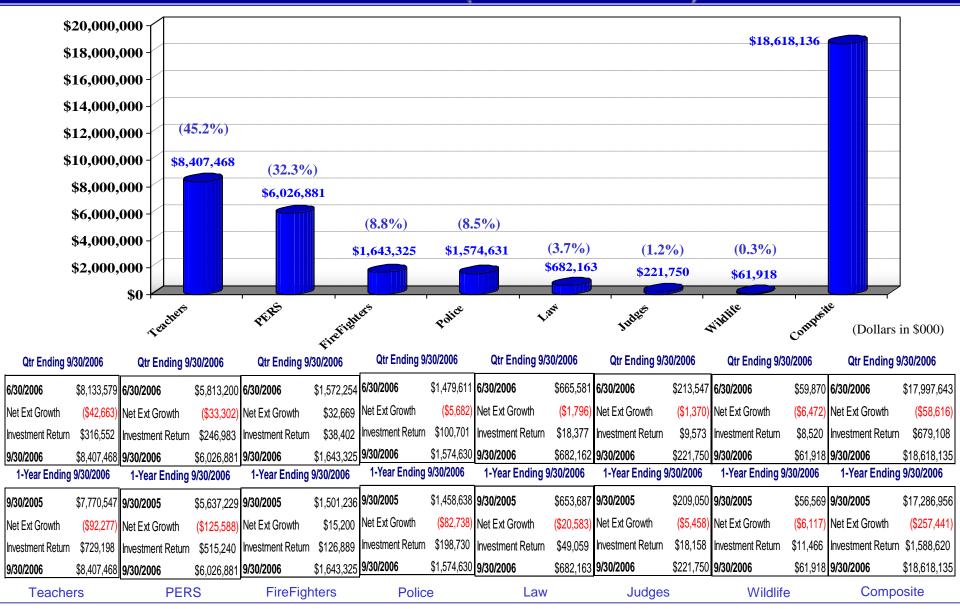
# Market Environment - Overview (As of 9/30/2006)

		Qtr.	<u>1 Yr.</u>	<u>3 Yr.</u>	<u>5 Yr.</u>
Domestic Equity Benchmarks					
S&P 500	Large Core	5.7%	10.8%	12.3%	7.0%
Russell 1000	Large Core	5.1%	10.2%	12.8%	7.6%
Russell 1000 Growth	Large Growth	3.9%	6.1%	8.4%	4.4%
Russell 1000 Value	Large Value	6.2%	14.6%	17.2%	10.7%
S&P Mid Cap 400	Mid Core	-1.1%	6.6%	15.2%	13.1%
Russell 2000	Small Core	0.4%	9.9%	15.5%	13.8%
Russell 2000 Growth	Small Growth	-1.7%	5.9%	11.8%	10.1%
Russell 2000 Value	Small Value	2.6%	14.0%	19.0%	17.0%
		Qtr.	<u>1 Yr.</u>	<u>3 Yr.</u>	<u>5 Yr.</u>
International Equity Benchma	arks				
Citigroup PMI EPAC	Int'l Dev.	4.0%	19.4%	22.8%	14.7%
Citigroup PMI EPAC Gr.	Int'l Dev. Growth	2.7%	17.0%	20.4%	12.7%
Citigroup PMI EPAC Va.	Int'l Dev. Value	5.2%	21.8%	25.1%	16.5%
Citigroup EMI EPAC	Small Cap Int'l	3.9%	23.3%	27.8%	22.5%
Citigroup PMI EM MKT	Em. Mkt. Eqty.	4.3%	21.3%	29.5%	27.3%
Domestic Fixed Income Bend Lehman Bros. Aggregate	chmarks Core Bonds	Qtr. 3.8%	1 Yr. 3.7%	3 Yr. 3.4%	<u>5 Yr.</u> 4.8%
Lehman Bros. High Yield	High Yield	4.1%	8.1%	9.1%	10.5%
Lehman Bros. 1-10 Muni.	Municipal Bond	2.8%	3.5%	2.7%	4.0%
90 Day T-Bill	Cash	1.3%	4.5%	2.7%	2.3%
		Qtr.	<u>1 Yr.</u>	<u>3 Yr.</u>	<u>5 Yr.</u>
Global Fixed Income Benchm					
Citigroup World Govt Bond	Global Bonds	1.4% 6.9%	2.2% 8.4%	4.1%	7.3%
		E 00/	Q /1º/_	11.8%	14.1%
J.P. Morgan EMBI Plus	Em. Mkt. Bonds	0.5 /6	0.470		
•	Em. Mkt. Bonds	Qtr	1 Yr.	<u>3 Yr.</u>	<u>5 Yr.</u>
Alternative Benchmarks		Qtr.	<u>1 Yr.</u>	<u>3 Yr.</u>	
Alternative Benchmarks NCREIF Property Index	Real Estate	Qtr. 4.0%	1 Yr. 18.2%	3 Yr. 16.6%	<u>5 Yr.</u> 12.5%
Alternative Benchmarks NCREIF Property Index All Private Equity <sup>1</sup>		Qtr. 4.0% N/A	1 Yr. 18.2% N/A	3 Yr. 16.6% N/A	12.5% N/A
Alternative Benchmarks NCREIF Property Index All Private Equity <sup>1</sup> HFRI Fund of Funds	Real Estate Private Equity Fund of Funds	Qtr. 4.0%	1 Yr. 18.2% N/A 7.1%	3 Yr. 16.6%	12.5%
Alternative Benchmarks  NCREIF Property Index  All Private Equity  HFRI Fund of Funds  HFRI Equity Hedge	Real Estate Private Equity Fund of Funds Long / Short	Qtr. 4.0% N/A 0.6% 0.7%	1 Yr. 18.2% N/A 7.1% 8.8%	3 Yr. 16.6% N/A 7.7% 10.3%	12.5% N/A
Alternative Benchmarks NCREIF Property Index All Private Equity <sup>1</sup> HFRI Fund of Funds	Real Estate Private Equity Fund of Funds	Qtr. 4.0% N/A 0.6%	1 Yr. 18.2% N/A 7.1%	3 Yr. 16.6% N/A 7.7%	12.5% N/A 6.8%





# Relative Size – All Funds (as of 9/30/06)







# Investment Policy Asset Allocation Targets

Key Policy Items	Teachers	PERS*	Firefighters	Police	Law	Judges*	Wildlife
TOTAL EQUITY Target	70.0%	62.0%	65.0%	65.0%	60.0%	54.0%	50.0%
Actual	69.5%	64.1%	66.0%	61.1%	63.7%	55.6%	52.1%
Range	63-77	55-69	60-70	55-75	45-75	43-57	45-55
Large Cap Target	28.0%	36.0%	40.0%	20.0%	35.0%	30.0%	50.0%
Actual	23.4%	36.0%	31.4%	24.4%	44.4%	29.2%	35.1%
Range	25-31	35-41	35-45	15-25	30-40	27-33	30-50
MidCap Target	15.0%	3.0%	-	-	-	5.0%	-
Actual	16.0%	3.4%	0.0%	0.0%	0.0%	5.1%	0.0%
Range	13-17	-	-	-	-	-	-
Small Cap Target	10.0%	4.0%	15.0%	10.0%	15.0%	3.0%	=
Actual	10.3%	4.7%	12.8%	10.4%	8.5%	4.0%	8.0%
Range	9-11	5-10	10-20	5-15	10-20	6-10	0-10
Int'l Equity Target	17.0%	19.0%	10.0%	10.0%	10.0%	16.0%	-
Actual	19.8%	20.0%	13.4%	12.2%	10.8%	17.3%	9.0%
Range	15-19	15-22	5-15	5-15	5-15	10-14	0-10
Long/Short Eq Target	-	-	-	15.0%	-	-	-
Actual	0.0%	0.0%	8.4%	14.1%	0.0%	0.0%	0.0%
Range	-	-	-	10-20	-	-	-
PRIVATE EQUITY Target	-	-	-	10.0%	3.0%	-	-
Actual	0.0%	0.0%	0.0%	6.7%	1.5%	0.0%	0.0%
Range	-	-	-	5-15	0-5	-	-
TOTAL FIXED INC. Target	30.0%	38.0%	35.0%	30%**	30.0%	46.0%	50.0%
Actual	30.1% 27-33	35.5% 36-40	24.1% 30-40	18.8% 25-35	27.9% 25-35	44.3% 45-55	45.5% 45-55
Range  Dom. Fixed Inc. Target	30.0%	38.0%	35.0%	17.5%	30.0%	46.0%	50.0%
Actual	30.1%	35.5%	24.1%	14.9%	27.9%	44.3%	45.5%
Range	27-33	36-40	30-40	7.5-27.5	25-35	45-55	45-55
Int'l Fixed Inc. Target	-	-	-	-	-	-	-
Actual	0.0%	0.0%	0.0%	3.9%	0.0%	0.0%	0.0%
Range	-	-	-	-	-	-	-
ALTERNATIVE Inv. Target	-	-	-	12.5%**	-	-	-
Actual	0.0%	0.0%	5.2%	13.2%	0.0%	0.0%	0.0%
Range	-	-	-	7.5-17.5	-	-	-
REAL ESTATE Target	-	-	-	5.0%	7.0%	-	-
Actual	0.0%	0.0%	4.8%	0.2%	6.7%	0.0%	0.0%
Range	-	-	-	0-10	5-10	-	-
CASH Actual	0.4%	0.4%	0.0%	0.1%	0.2%	0.1%	2.4%

<sup>\*</sup>The Russell 3000 index was broken down into Large, Mid, & Small Cap allocations for the PERS & Judges Plans

Please note that allocation targets may not add to 100 due to rounding, and cash accounts within the plans.

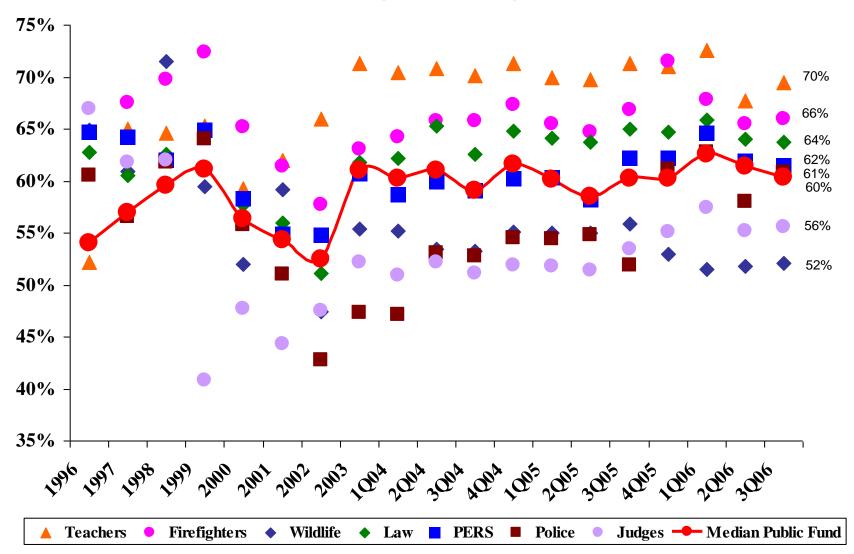


<sup>\*\*</sup>For the Police Pension, the 12.5% Target Alternative Inv. (low-volatility hedge funds) is classified as fixed income

# **Equity Commitment**





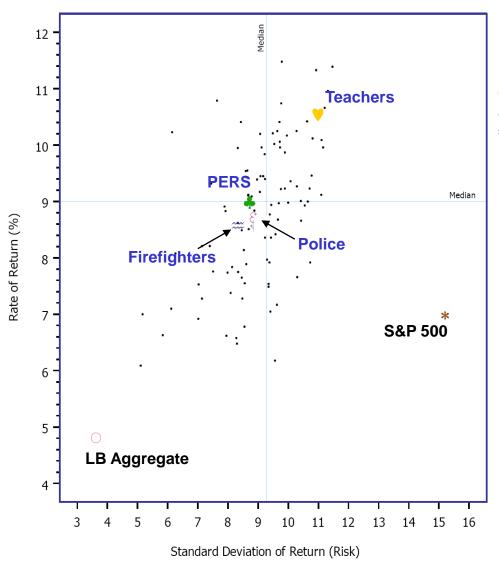








#### Total Public Funds – Total Return vs. Risk - 5 Years Ending 9/30/06



	Retu	rn	Standa Deviati		Sharpe Ratio		
OK TEACHERS	10.5	10	11.0	10	0.8	44	
OK PERS	9.0	48	8.7	59	0.8	38	
<b>OK FIREFIGHTERS</b>	8.6	58	8.3	73	0.8	44	
OK POLICE	8.7	56	8.8	58	0.7	53	
≤ S&P 500	7.0	86	15.2	1	0.4	97	
LB AGGREGATE	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		

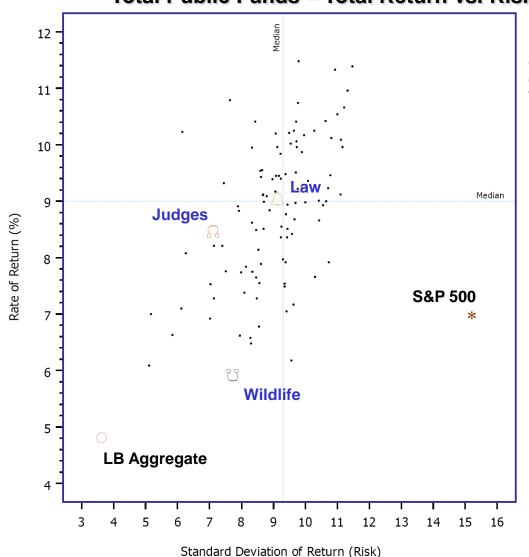
Sharpe Ratio is a measure of risk-adjusted return. It is used to characterize how well the return of an asset compensates the investor for the risk taken. The higher the ratio, the better its risk-adjusted performance.







#### Total Public Funds - Total Return vs. Risk - 5 Years Ending 9/30/06



	Retu	rn	Standa Deviati		Sharpe Ratio		
△ OK LAW	9.0	45	9.1	53	0.8	47	
<b>○ OK JUDGES</b>	8.5	61	7.1	88	0.9	11	
ී OK WILDLIFE	5.9	96	7.7	82	0.5	95	
* S&P 500	7.0	86	15.2	1	0.4	97	
O LB AGGREGATE	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		

Sharpe Ratio is a measure of risk-adjusted return. It is used to characterize how well the return of an asset compensates the investor for the risk taken. The higher the ratio, the better its risk-adjusted performance.





	Qua	rter	1 Year		3 Ye	ear	5 Ye	ear	7 Year	
	% Return	% Rank								
Teachers	3.8%	49	9.4%	59	13.1%	16	10.5%	10	7.8%	14
PERS	4.3%	13	9.2%	61	11.3%	57	9.0%	48	6.1%	59
Firefighters	2.4%	98	8.5%	73	11.3%	57	8.6%	58	5.5%	81
Police	2.7%	95	9.5%	55	11.4%	54	8.7%	56	5.8%	70
Law	2.8%	93	7.6%	80	10.8%	65	9.0%	45	7.1%	30
Judges	4.5%	5	8.8%	65	10.4%	74	8.5%	61	6.4%	45
Wildlife	3.7%	52	7.5%	82	9.0%	85	5.9%	96	4.6%	94
Med Tot Public Fund	3.8%		9.8%		11.8%	]	9.0%		6.3%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile



# Composite Performance



### **Years Ending September 30**

	Sep-	06	Sep-	-05	Sep	-04	Sep	-03	Sep-	02	Sep	-01	Sep	-00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Teachers	9.4%	59	14.9%	20	15.2%	3	22.4%	5	(6.9)%	55	(10.7)%	55	15.2%	18
PERS	9.2%	61	12.7%	56	12.0%	41	18.5%	34	(5.9)%	38	(12.7)%	72	12.8%	39
Firefighters	8.5%	73	14.2%	31	11.2%	58	15.7%	71	(5.3)%	31	(15.8)%	88	14.5%	21
Police	9.5%	55	13.4%	45	11.5%	52	17.1%	56	(6.5)%	48	(11.5)%	61	10.9%	64
Law	7.6%	80	13.9%	38	11.1%	60	18.0%	42	(4.0)%	19	(6.4)%	23	11.7%	53
Judges	8.8%	65	11.4%	76	10.9%	67	15.6%	71	(3.4)%	15	(9.4)%	44	13.7%	29
Wildlife	7.5%	82	10.5%	80	9.0%	89	13.1%	90	(8.9)%	83	(13.5)%	77	18.7%	8
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%		(6.5)%		(10.3)%		12.1%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile

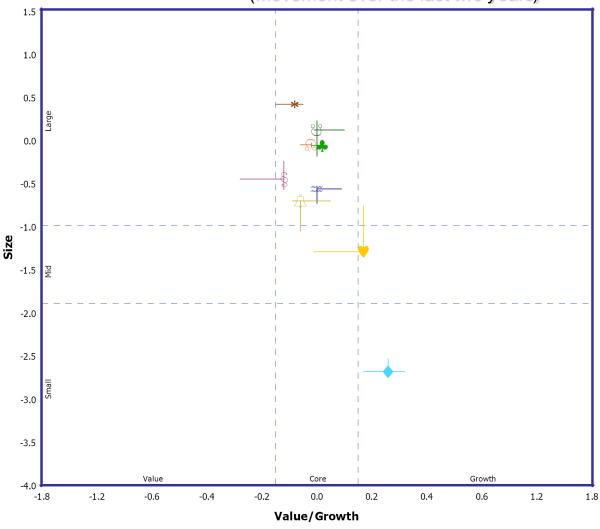


# Style Analysis



#### Equity Style Analysis as of September 30, 2006

(Movement over the last two years)

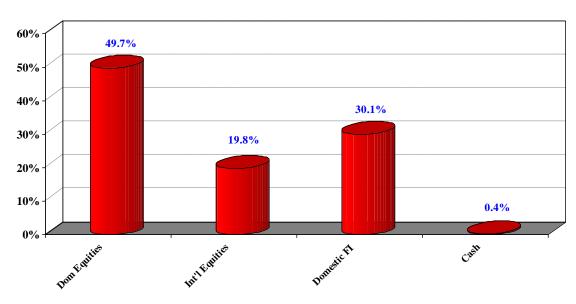


- **OK TEACHERS**
- OK PERS
- CK FIREFIGHTERS
- S OK POLICE
- OK LAW
- OK JUDGES
- ? OK WILDLIFE
- \* S&P 500
- R 2000(R)

### **Teachers**



#### Allocation by Asset Class as of 9/30/06

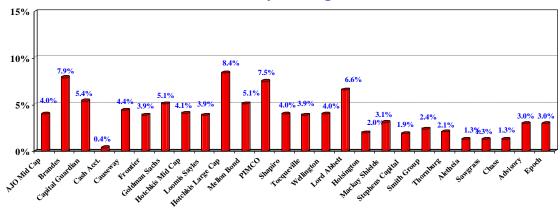


#### Quarter Ending 9/30/2006

6/30/2006	\$8,133,579
Net External Growth	(\$42,663)
Investment Return	\$316,552
9/30/2006	\$8,407,468

Assets in (\$000)

#### Allocation by Manager as of 9/30/06





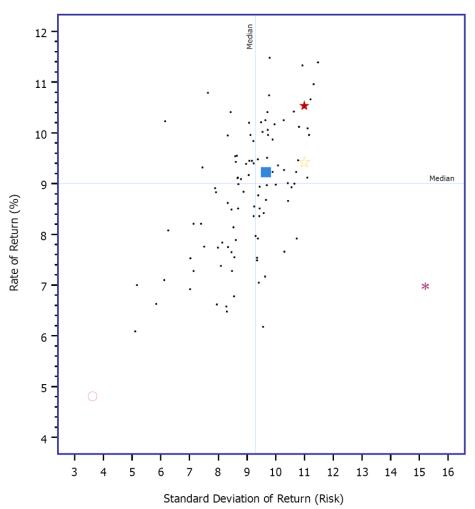




#### **OK TEACHERS RETIREMENT SYSTEM**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Retu	rn	Standa Deviat		Sharpe Ratio		
<b>★ OK TEACHERS</b>	10.5	10	11.0	10	0.8	44	
■ ALLOC INDEX	9.2	39	9.7	35	0.7	53	
☆ POLICY INDEX	9.4	34	11.0	11	0.7	70	
* S&P 500	7.0	86	15.2	1	0.4	97	
<ul><li>LB AGGREGATE</li></ul>	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		







	Qua	Quarter		Quarter 1 Year		3 Ye	3 Year		ear	7 Year	
	%	%	%	%	%	%	%	%	%	%	
	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	Rank	
Teachers	3.8%	49	9.4%	59	13.1%	16	10.5%	10	7.8%	14	
Allocation Index	3.7%	53	9.7%	50	11.8%	48	9.2%	39	6.3%	47	
Policy Index	3.3%	77	9.4%	59	12.1%	41	9.4%	34	6.4%	45	
Med Tot Public Fund	3.8%		9.8%		11.8%		9.0%	]	6.3%		
Green = 1st Quartile											
Yellow = 2nd Quartile											

Blue = 3rd Quartile

Red = 4th Quartile

### **Years Ending September 30**

	Sep-	06	Sep-	05	Sep-	-04	Sep	-03	Sep-	02	Sep-	01	Sep-	-00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Teachers	9.4%	59	14.9%	20	15.2%	3	22.4%	5	(6.9)%	55	(10.7)%	55	15.2%	18
Alloc. Index	9.7%	50	12.7%	57	13.0%	22	17.7%	43	(5.4)%	32	(11.1)%	57	11.3%	60
Policy Index	9.4%	59	13.7%	41	13.2%	20	20.5%	15	(7.5)%	64	(14.4)%	83	15.2%	18
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%		(6.5)%		(10.3)%		12.1%	
Green = 1st Qua	artile													
Yellow = 2nd Qu	uartile													
Blue = 3rd Quar	tile													
Red = 4th Quart	tile													







	Quarter		1 Ye	ear	3 Ye	3 Year		5 Year		ar
	% Return	% Rank								
Equity Only Composite	3.3%	50	9.0%	56	18.3%	18	13.0%	29	8.0%	37
S&P 500	5.7%		10.8%		12.3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		14.8%		10.0%		6.7%	
International Only Composite	4.6%	43	20.3%	43	n/a		n/a		n/a	
MSCI EAFE	3.9%		19.2%		22.3%		14.3%		5.3%	
International Equity Only Median	4.4%		20.0%		23.5%		16.6%		10.2%	
Fixed Inc Only Comp	4.4%	15	4.0%	41	4.0%	45	5.2%	55	6.4%	61
Lehman Aggregate	3.8%		3.7%		3.4%		4.8%		6.2%	
Fixed Inc Only Public Funds Med	3.7%		3.8%		3.9%		5.3%		6.6%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile







**Manager Ranked Against Appropriate Peer Group** 

	Quarter		1 Y	ear	3 Ye		5 Year		
	%	%	%	%	%	%	%	%	%
Domestic Equity	Porfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Large Value	1 0110110	rtotairi	rtant	rtotani	rtanit	rtotam	IXanix	rtotairi	IXAIIIX
Hotchkis & Wiley Large Cap	8.4%	5.2%	53	7.1%	97	17.9%	41	15.2%	7
Russell 1000 Value		6.2%	- 55	14.6%	<u> </u>	17.2%		10.7%	
Large Core	1				•		•		
NTGI/BT S&P 500	0.0%	4.8%	63	9.9%	76	12.0%	86	6.8%	85
Sawgrass	1.3%	6.6%	3	n/a		n/a		n/a	
Chase	1.3%	0.1%	99	n/a		n/a		n/a	
Aletheia	1.3%	(0.3)%	100	n/a		n/a		n/a	
S&P 500		5.7%		10.8%		12.3%		7.0%	
Large Growth									
Goldman Sachs	5.1%	4.5%	23	7.2%	28	7.8%	81	3.4%	88
Russell 1000 Growth		3.9%		6.1%		8.4%		4.4%	
Medium Value									
AJO Mid Cap	4.0%	1.0%	90	6.6%	74	17.4%	43	15.4%	45
Hotchkis & Wiley Mid Cap	4.1%	5.5%	39	11.0%	40	22.7%	11	n/a	
S&P 400/Citigroup Value		(0.6)%		8.3%		16.6%		13.9%	
Medium Core	7								
Frontier	3.9%	1.9%	54	12.5%	27	15.4%	76	n/a	
S&P 400		(1.1)%		6.6%		15.2%		13.1%	
Medium Growth									
Wellington	4.0%	3.2%	11	12.5%	8	18.0%	13	15.8%	4
S&P 400/Citigroup Growth		(1.7)%		3.5%		13.4%		11.9%	
Small Value	•								
Shapiro Capital	4.0%	5.9%	1	11.5%	32	20.8%	27	18.7%	36
Tocqueville	3.9%	3.8%	10	11.6%	30	20.0%	31	16.9%	71
Russell 2000 Value		2.6%		14.0%		19.0%		17.0%	
Small Growth		( ( -) - (		(1.5)5(					
Smith Group	2.4%	(4.6)%	88	(1.6)%	94	n/a		n/a	
Russell 2000 Growth		(1.7)%		5.9%		11.8%		10.1%	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									







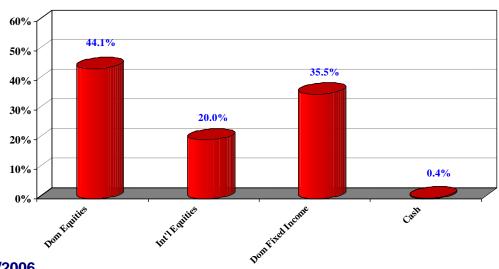
		Qua	rter	1 Ye	ear	3 Ye	ear	5 Ye	ear
International Facility	% Porfolio	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
International Equity									
Int'l Equity Composite		4.4%	45	19.4%	62	23.0%	53	16.4%	49
Brandes - Value	7.9%	5.7%	15	21.9%	16	25.4%	13	18.4%	28
Capital Guardian	5.4%	3.7%	75	19.8%	53	20.5%	86	n/a	
Thornburg	2.1%	3.4%	81	n/a		n/a		n/a	
Causeway - Value	4.4%	4.2%	52	19.9%	52	23.8%	40	n/a	
MSCI EAFE		3.9%		19.2%		22.3%		14.3%	
Bond Managers									
Core Bonds									
Neuberger	0.0%	1.0%	98	1.1%	98	2.4%	95	4.4%	81
Mellon Bond	5.1%	3.7%	50	3.6%	82	3.3%	76	4.8%	70
Loomis Sayles	3.9%	3.9%	28	4.5%	11	4.5%	11	4.8%	79
PIMCO	7.5%	4.0%	17	4.3%	21	4.1%	30	5.7%	21
Mackay Shields	3.1%	3.7%	49	3.7%	79	n/a		n/a	
Hoisington	2.0%	9.6%	1	1.1%	98	n/a		n/a	
Stephens Capital	1.9%	4.6%	8	2.7%	94	n/a		n/a	
Lord Abbett	6.6%	4.1%	15	4.4%	27	n/a		n/a	
Bond Composite		4.4%	4	4.0%	45	3.9%	38	5.2%	49
LB Aggregate		3.8%		3.7%		3.4%		4.8%	
Green = 1st Quartile									
Yellow = 2nd Quartile									

Blue = 3rd Quartile





#### Allocation by Asset Class as of 9/30/06

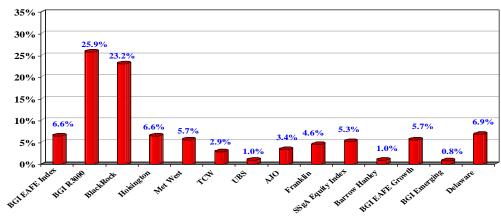


#### Quarter Ending 9/30/2006

6/30/2006	\$5,813,200
Net External Growth	(\$33,302)
Investment Return	\$246,983
9/30/2006	\$6,026,881

Assets in (\$000)

#### Allocation by Manager as of 9/30/06





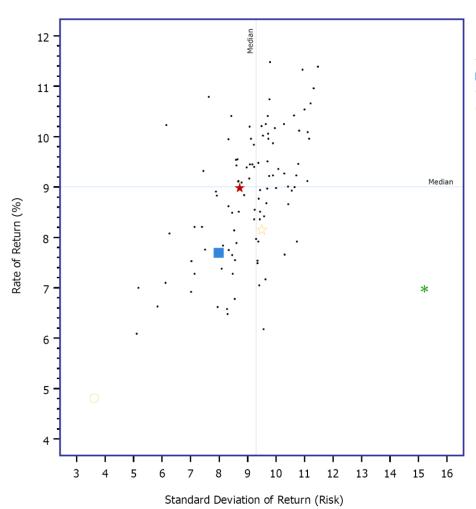
# PERS Total Return vs. Risk



#### **OKLAHOMA PERS**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



		Return		Standa Deviati		Sharpe Ratio		
*	OK PERS	9.0	48	8.7	59	0.8	38	
	ALLOC INDEX	7.7	75	8.0	79	0.7	64	
	POLICY INDEX	8.2	65	9.5	40	0.6	81	
	LB AGGREGATE	4.8	98	3.6	100	0.7	64	
*	S&P 500	7.0	86	15.2	1	0.4	97	
	Median	9.0		9.3		0.8		



### PERS Total Return



#### **Periods Ending September 30**

	Qua	Quarter		1 Year		3 Year		ear	7 Year				
	%	%	%	%	%	%	%	%	%	%			
	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	Rank			
PERS	4.3%	13	9.2%	61	11.3%	57	9.0%	48	6.1%	59			
Allocation Index	4.8%	4	8.9%	64	10.2%	77	7.7%	75	5.4%	83			
Policy Index	4.2%	15	9.2%	61	10.6%	71	8.2%	65	5.3%	86			
Med Tot Public Fund	3.8%		9.8%		11.8%		9.0%		6.3%				

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile

Red = 4th Quartile

Blue = 3rd Quartile Red = 4th Quartile

### **Years Ending September 30**

	Sep-	06	Sep-	-05	Sep	-04	Sep	-03	Sep	-02	Sep-	-01	Sep-	-00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
PERS	9.2%	61	12.7%	56	12.0%	41	18.5%	34	(5.9)%	38	(12.7)%	72	12.8%	39
Allocation Index	8.9%	64	10.5%	80	11.2%	59	14.6%	81	(5.4)%	32	(9.5)%	48	10.4%	67
Policy Index	9.2%	61	11.0%	78	11.6%	50	18.8%	30	(7.9)%	67	(12.6)%	72	11.1%	63
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%		(6.5)%	]	(10.3)%		12.1%	
Green = 1st Quarti	le													
Yellow = 2nd Quar	tile													







	Quai	rter	1 Ye	ear		3 Ye	ear	5 Ye	ear	7 Ye	ear
	% Return	% Rank	% Return	% Rank		% turn	% Rank	% Return	% Rank	% Return	% Rank
Equity Only Composite	4.0%	44	9.6%	52	13.	2%	60	9.2%	54	4.4%	63
S&P 500	5.7%		10.8%		12.	3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		14.	8%		10.0%		6.7%	
International Equity Only Composite	9.8%	46	13.1%	62	11.	7%	53	17.5%	47	(6.5)%	84
CITI PMI EPAC	4.0%		19.4%		22.	8%		14.7%		5.8%	
International Equity Only Median	4.3%		20.0%		23.	2%		16.4%		9.8%	
Fixed Inc Only Comp	3.9%	31	3.1%	80	4.4	ŀ%	29	5.9%	27	7.1%	24
Lehman Aggregate	3.8%		3.7%		3.4	ŀ%		4.8%		6.2%	
Fixed Inc Only Public Funds Median	3.7%		3.8%		3.9	9%		5.3%		6.6%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile







Manager Ranked Against Appropriate Peer Group

	Π	Qua	rter	1 Y	ear	3 Ye	ar	5 Ye	ar
	%	%	%	%	%	%	%	%	%
Domestic Equity	Portfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Large Value									
AJO	3.4%	4.7%	78	12.7%	65	n/a		n/a	
Russell 1000 Value		6.2%		14.6%		17.2%		10.7%	
Large Core									
Franklin	4.6%	5.0%	60	12.3%	10	n/a		n/a	
BGI Russell 3000	25.9%	4.7%	66	10.3%	71	13.0%	31	n/a	
SSgA Equity Index	5.3%	5.4%	52	10.2%	74	n/a		n/a	
S&P 500		5.7%		10.8%		12.3%		7.0%	
Large Growth									
TCW	2.9%	(1.7)%	97	(2.8)%	98	6.7%	92	8.3%	29
Russell 1000 Growth		3.9%		6.1%		8.4%		4.4%	
Small Growth									
UBS	1.0%	(0.4)%	41	5.3%	63	11.4%	78	n/a	
Russell 2000 Growth		(1.7)%		5.9%		11.8%		10.1%	
Small Value									
Barrow Hanley	1.0%	(4.8)%	100	12.1%	21	n/a		n/a	
Russell 2000 Value		2.6%		14.0%		19.0%		17.0%	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									







		Quai	rter	1 Ye	ear	3 Ye	ear	5 Ye	ar
International Equity	% Portfolio	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
BGI EAFE Index	6.6%	4.0%	67	19.7%	58	22.7%	58	14.6%	80
BGI EAFE Growth	5.7%	2.3%	92	16.8%	84	n/a		n/a	
Delaware	6.9%	6.5%	5	21.7%	17	26.4%	6	20.6%	4
CITI PMI EPAC		9.8%		11.7%		17.5%		(6.5)%	
<b>Emerging Equity</b>									
BGI Emerging	0.8%	4.5%	77	20.1%	49	n/a		n/a	
CITI PMI Emerging		4.3%		21.3%		29.5%		27.3%	
Bond Managers Core Bonds									
Met West	5.7%	4.3%	11	5.5%	10	5.3%	15	5.5%	39
BlackRock	23.2%	3.5%	63	3.9%	57	3.6%	60	5.2%	54
LB Aggregate		3.8%		3.7%		3.4%		4.8%	
Long Bonds									
Hoisington	6.6%	8.8%	2	1.6%	95	6.8%	2	7.9%	5
Lehman Long		6.4%		2.4%		4.7%		6.4%	

Green = 1st Quartile

Yellow = 2nd Quartile

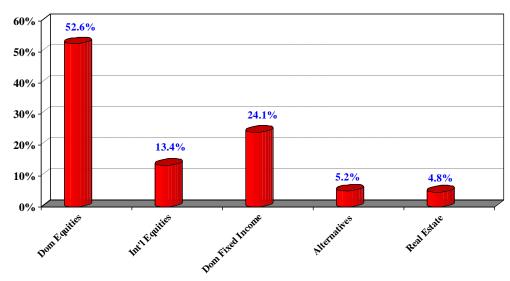
Blue = 3rd Quartile



# Firefighters



#### Allocation by Asset Class as of 9/30/06

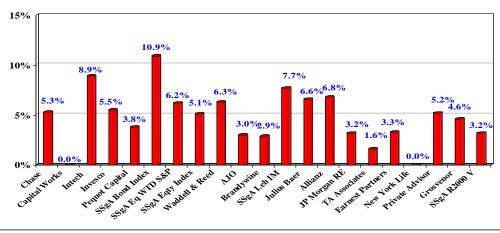


#### Quarter Ending 9/30/2006

6/30/2006	\$1,572,254
Net External Growth	\$32,669
Investment Return	\$38,402
9/30/2006	\$1,643,325

Assets in (\$000)

#### Allocation by Manager as of 9/30/06





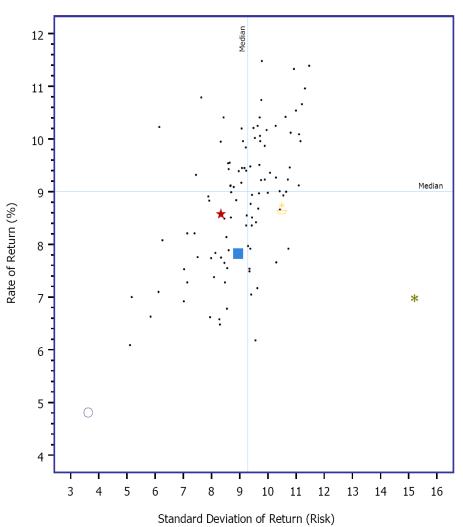




#### **OK FIREFIGHTERS PENSION SYSTEM**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Retu	rn	Standa Deviat		Sharpe Ratio		
<b>★</b> OK FIREFIGHTERS	8.6	58	8.3	73	0.8	44	
■ ALLOC INDEX	7.8	72	9.0	58	0.6	82	
<b>POLICY INDEX</b>	8.7	55	10.5	18	0.6	82	
* S&P 500	7.0	86	15.2	1	0.4	97	
○ <i>LB AGGREGATE</i>	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		







	Qua	Quarter		1 Year		3 Year		ear	7 Year	
	%	%	%	%	%	%	%	%	%	%
	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Firefighters	2.4%	98	8.5%	73	11.3%	57	8.6%	58	5.5%	81
Allocation Index	3.8%	43	9.8%	50	10.3%	74	7.8%	72	4.8%	94
Policy Index	3.9%	36	9.1%	63	11.1%	61	8.7%	55	5.3%	85
Med Tot Public Fund	3.8%		9.8%		11.8%		9.0%	]	6.3%	
Green = 1st Quartile										

Yellow = 2nd Quartile

Blue = 3rd Quartile

Red = 4th Quartile

#### **Years Ending September 30**

	Sep-	-06	Sep-	05	5 Sep-04		Sep	-03	Sep-	02	Sep-	01	Sep-	00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Firefighters	8.5%	73	14.2%	31	11.2%	58	15.7%	71	(5.3)%	31	(15.8)%	88	14.5%	21
Allocation Index	9.8%	50	11.1%	78	10.1%	80	16.5%	66	(6.8)%	52	(13.6)%	78	10.6%	67
Policy Index	9.1%	63	11.6%	75	12.7%	28	20.6%	14	(8.3)%	75	(15.3)%	85	11.9%	51
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%	]	(6.5)%		(10.3)%		12.1%	
Green = 1st Quartile	<b>)</b>													

Yellow = 2nd Quartile

Blue = 3rd Quartile Red = 4th Quartile







	Quai	rter	1 Ye	ear	3 Ye	ear	5 Ye	ear	7 Ye	ar
	% Return	% Rank								
Equity Only Composite	1.6%	63	7.8%	63	13.6%	57	10.0%	49	4.8%	62
S&P 500	5.7%		10.8%		12.3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		14.8%		10.0%		6.7%	
International Equity Only Composite	4.1%	61	17.7%	79	23.2%	54	13.3%	89	5.2%	89
CITI PMI EPAC	4.0%		19.4%		22.8%		14.7%		5.8%	
International Equity Only Median	4.4%		20.0%		23.5%		16.6%		10.2%	
Fixed Inc Only Composite	3.7%	57	2.1%	92	2.6%	94	3.8%	95	5.2%	95
Lehman Aggregate	3.8%		3.7%		3.4%		4.8%		6.2%	
Fixed Inc Only Public Funds Med	3.7%		3.8%		3.9%		5.3%		6.6%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile







**Manager Ranked Against Appropriate Peer Group** 

		Qua	rter	1 Y		3 Ye	ear	5 Ye	ear
	%	%	%	%	%	%	%	%	%
Domestic Equity	Portfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Large Value									
AJO	3.0%	4.9%	70	13.0%	62	18.4%	35	n/a	
Brandywine	2.9%	5.8%	37	16.4%	10	18.7%	30	n/a	
Russell 1000 Value		6.2%		14.6%		17.2%		10.7%	
Large Core	-	-	-	· <del>·</del>	-	-		•	-
SSgA Equity Index	5.1%	5.9%	8	11.1%	23	12.4%	44	7.0%	57
SSgA EQ Wtd S&P	6.2%	4.2%	74	11.3%	20	16.3%	5	n/a	
Intech	8.9%	5.1%	56	11.0%	24	15.3%	10	n/a	
S&P 500		5.7%		10.8%		12.3%		7.0%	
Large Growth									
Chase	5.3%	(0.1)%	87	2.3%	79	13.9%	14	n/a	
Russell 1000 Growth		3.9%		6.1%		8.4%		4.4%	
Small Value									
Earnest Partners	3.3%	1.2%	43	4.9%	84	n/a		n/a	
New York Life	0.0%	(2.5)%	91	2.4%	92	n/a		n/a	
SSgA R2000 Value	3.2%	n/a		n/a		n/a		n/a	
Russell 2000 Value		2.6%		14.0%		19.0%		17.0%	
Small Growth									
Waddell & Reed	6.3%	(4.7)%	88	2.7%	81	11.6%	79	10.5%	78
Russell 2000 Growth		(1.7)%		5.9%		11.8%		10.1%	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									





# Firefighters Performance

**Periods Ending September 30** 

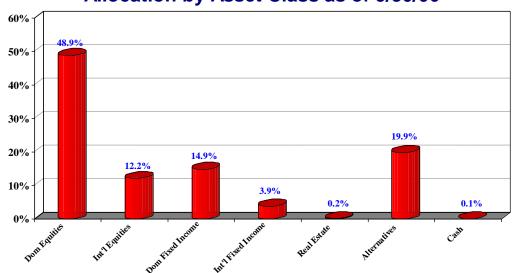
		Quai	rter	1 Ye	ear	3 Ye	ear	5 Ye	ear
	%	%	%	%	%	%	%	%	%
International Equity	Portfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Allianz	6.8%	3.6%	77	18.1%	79	n/a		n/a	
Julius Baer	6.6%	4.7%	38	17.9%	80	24.6%	20	n/a	
Citi PMI EPAC		4.0%		19.4%		22.8%		14.7%	
Long/Short Equity									
Pequot Capital	3.8%	(4.6)%	100	1.2%	91	7.7%	n/a	3.0%	n/a
Capital Works	0.0%	(1.8)%	85	7.3%	15	7.0%	n/a	5.8%	n/a
Hedge Fund									
Private Advisor	5.2%	1.8%	40	n/a	42	n/a		n/a	
Real Estate									
JP Morgan	3.2%	3.7%	40	17.8%	42	n/a		n/a	
TA Associates	1.6%	(1.0)%	92	4.0%	85	n/a		n/a	
Bond Managers									
Core Bonds									
SSgA Bond Index	10.9%	3.8%	52	3.7%	80	3.3%	79	4.8%	78
Invesco	5.5%	3.7%	65	4.1%	30	3.9%	40	4.9%	76
LB Aggregate		3.8%		3.7%		3.4%		4.8%	
Intermediate									
SSgA Lehman IM	7.7%	3.4%	33	3.9%	63	3.1%	58	n/a	
Lehman Intermediate		3.2%		3.5%		2.6%		4.3%	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									



# **Police**







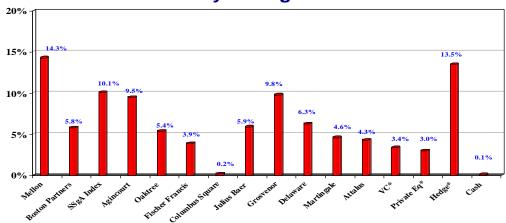
### **Change in Assets**

Quarter Ending 9/30/2006

6/30/2006	\$1,479,611
Net External Growth	(\$5,682)
Investment Return	\$100,701
9/30/2006	\$1,574,630

Assets in (\$000)

#### Allocation by Manager as of 9/30/06



\*Private Equity manager allocation is given on page 36.



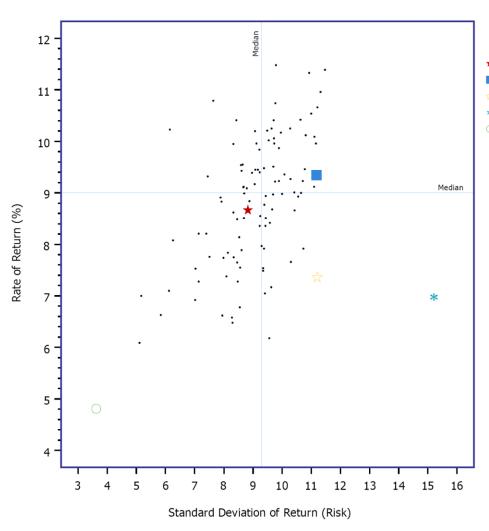
# Police Total Return vs. Risk



#### **OKLAHOMA POLICE PENSION**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Retu	rn	Standa Deviati		Sharpe Ratio		
★ OK POLICE	8.7	56	8.8	58	0.7	53	
ALLOC INDEX	8.6	57	11.2	7	0.7	77	
<b>☆ POLICY INDEX</b>	7.4	81	11.2	7	0.5	95	
* S&P 500	7.0	86	15.2	1	0.4	97	
LB AGGREGATE	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		



### Police Total Return



### **Periods Ending September 30**

	Quarter		1 Ye	ear	3 Ye	ear	5 Ye	ear	7 Year	
	%	%	%	%	%	%	%	%	%	%
	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Police	2.7%	95	9.5%	55	11.4%	54	8.7%	56	5.8%	70
Allocation Index	3.9%	42	9.7%	50	11.0%	62	9.3%	37	4.9%	93
Policy Index	5.0%	2	9.8%	48	11.0%	62	7.4%	81	3.8%	95
Med Tot Public Fund	3.8%		9.8%		11.8%	]	9.0%		6.3%	
Green = 1st Quartile										
Yellow = 2nd Quartile										
Blue = 3rd Quartile										
Red = 4th Quartile										

### **Years Ending September 30**

	Sep-	06	Sep-	05	Sep-	-04	Sep	-03	Sep-	-02	Sep	-01	Sep-	00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Police	9.5%	55	13.4%	45	11.5%	52	17.1%	56	(6.5)%	48	(11.5)%	61	10.9%	64
Alloc. Index	9.7%	50	11.8%	72	11.6%	50	23.2%	2	(7.3)%	61	(19.2)%	96	10.3%	68
Policy Index	9.8%	48	11.2%	78	12.1%	39	19.9%	21	(13.1)%	98	(17.6)%	93	10.7%	66
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%		(6.5)%		(10.3)%		12.1%	
Green = 1st Qua	ırtile													
Yellow = 2nd Qu	artile													
Blue = 3rd Quart	ile													
Red = 4th Quarti	ile													



### Police Performance



#### **Periods Ending September 30**

	Qua	rter	1 Ye	ear	3 Y	ear	5 Ye	ear	7 Ye	ear
	% Return	% Rank								
Equity Only Composite	2.9%	52	8.1%	62	13.4%	58	9.6%	52	5.0%	62
S&P 500	5.7%		10.8%		12.3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		14.8%		10.0%		6.7%	
International Equity Only Composite	5.6%	19	22.4%	17	22.7%	62	13.1%	90	6.3%	84
CITI PMI EPAC	4.0%		19.4%		22.8%		14.7%		5.8%	
International Equity Only Median	4.4%		20.0%		23.5%		16.6%		10.2%	
Fixed Inc Only Composite	3.4%	72	4.9%	16	3.6%	61	4.9%	67	6.0%	68
Lehman Aggregate	3.8%		3.7%		3.4%		4.8%		6.2%	
Fixed Inc Only Public Funds Median	3.7%		3.8%		3.9%		5.3%		6.6%	
							-			

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile

Red = 4th Quartile

Oaktree & Fischer Francis each have Domestic and International bond allocations in their portfolios and their individual returns can't be verified. As a result, the Fixed Income Only Composite contains both Domestic & International bond allocations.







**Manager Ranked Against Appropriate Peer Group** 

		Quai	rter	1 Y	ear	3 Ye	ear	5 Ye	ear
	%	%	%	%	%	%	%	%	%
Domestic Equity	Portfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
Large Core									
Mellon Index Fund	14.3%	5.0%	60	10.2%	72	12.8%	33	7.6%	37
SSgA Index Plus	10.1%	5.5%	48	10.3%	70	12.4%	42	n/a	
S&P 500		5.7%		10.8%		12.3%		7.0%	
Small Value									
Boston Partners	5.8%	2.3%	22	10.3%	38	20.3%	30	17.2%	67
Russell 2000 Value		2.6%		14.0%		19.0%		17.0%	
Small Growth	-	<del>-</del>	-	•	-	-	•	-	
Martingale	4.6%	(5.0)%	90	0.7%	89	n/a		n/a	
Russell 2000 Growth		(1.7)%		5.9%		11.8%		10.1%	
Long/Short Equity	-	-							-
Focus	0.3%	(1.7)%	85	(2.4)%	100	3.5%	n/a	1.8%	n/a
Grosvenor	9.8%	2.0%	22	5.4%	75	n/a		n/a	
Attalus	4.3%	1.7%	25	n/a		n/a		n/a	
S&P 500		5.7%		10.8%		12.3%		7.0%	
International Equity									
Julius Baer - Growth	5.9%	4.5%	41	21.0%	31	n/a		n/a	
Delaware	6.3%	6.5%	6	21.9%	16	n/a		n/a	
CITI PMI EPAC		4.0%		19.4%		22.8%		14.7%	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									



# Police Performance



### **Periods Ending September 30**

		Quart	er	1 Ye	1 Year 3 Ye		ar	5 Yea	ar
Fixed Income	% Portfolio	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Agincourt	9.5%	3.9%	28	4.0%	49	3.6%	60	5.1%	56
Oaktree	5.4%	2.7%	80	8.7%	10	8.4%	16	9.6%	1
Lehman Aggregate		3.8%		3.7%		3.4%		4.8%	
PAAMCO	8.2%	0.6%	65	7.8%	43	7.1%	65	n/a	
BBT Overseas	3.4%	0.3%	68	8.5%	38	8.5%	37	6.4%	63
Int'l Fixed Income									
Fischer Francis	3.9%	(1.5)%	97	(0.8)%	96	4.1%	67	8.2%	42
J.P. Morgan Non-US		0.9%		2.0%		4.4%		8.2%	
Real Assets									
Mount Lucas Peak	1.1%	0.6%	65	8.7%	36	n/a		n/a	_
Prudential Timber	0.1%	(0.0)%	64	(14.1)%	92	(5.7)%	90	(3.7)%	69
Columbus Square	0.2%	1.6%	65	16.8%	46	19.3%	35	16.2%	29

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile





# Police Private Equity Allocation

### **Period Ending September 30**

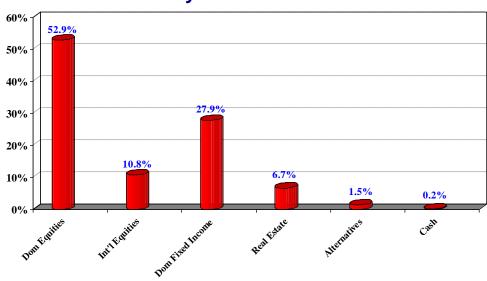
Private Equity	Market Value	% Allocation
Oaktree Opp II	\$378,660	0.0%
Oaktree Opp III	\$400,026	0.0%
Oaktree Opp IV	\$599,201	0.0%
Venture Lending	\$1,104,930	0.1%
Accell Europe	\$5,832,053	0.4%
Levine Leic III	\$5,636,430	0.4%
Siguler Guff	\$18,849,013	1.2%
Oaktree V	\$5,454,702	0.3%
Oaktree VI	\$3,520,705	0.2%
Siguler II	\$4,758,507	0.3%
TCW Cresent II	\$295,920	0.0%
Marathon	\$1,686,003	0.1%
Pequot II	\$293,829	0.0%
Pequot III	\$9,861,374	0.6%
Lightspeed WPG	\$6,369,830	0.4%
Fremont III	\$2,633,546	0.2%
TCW Cresent III	\$6,145,862	0.4%
Arsenal	\$9,309,440	0.6%
Weiss Peck V	\$2,014,227	0.1%
Marathon V	\$3,964,005	0.3%
Knightsbridge	\$1,298,821	0.1%
Pequot IV	\$774,569	0.0%
Lexington VI	\$1,902,571	0.1%
Hicks Muse	\$11,212,388	0.7%
TCW Cresent IV	\$3,919,096	0.2%
Arsenal Partners II		



# Law Enforcement



## Allocation by Asset Class as of 9/30/06

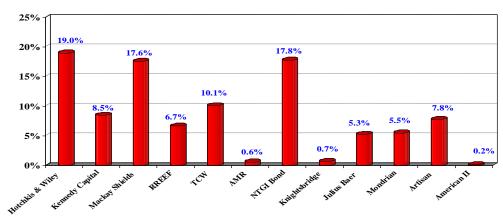


#### Quarter Ending 9/30/2006

6/30/2006	\$665,581
Net External Growth	(\$1,796)
Investment Return	\$18,377
9/30/2006	\$682,162

Assets in (\$000)

#### Allocation by Manager as of 9/30/06





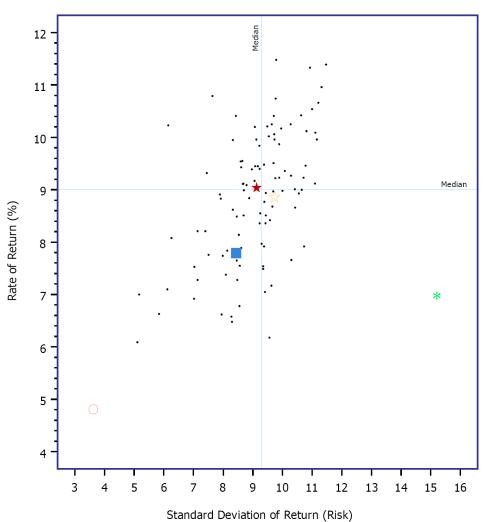
# Law Total Return vs. Risk



#### **OK LAW ENFORCEMENT RETIREMENT SYSTEM**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Retu	rn	Standa Deviati		Sharpe Ratio		
<b>★</b> OK LAW	9.0	45	9.1	53	0.8	47	
ALLOC INDEX	7.8	72	8.4	71	0.7	72	
<b>☆ POLICY INDEX</b>	8.9	52	9.7	30	0.7	63	
* S&P 500	7.0	86	15.2	1	0.4	97	
O LB AGGREGATE	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		



# Law Total Return



## **Periods Ending September 30**

	Qua	rter	1 Y	1 Year			ar	5 Ye	ear	7 Year	
	%	%	%	%		%	%	%	%	%	%
	Return	Rank	Return	Rank		Return	Rank	Return	Rank	Return	Rank
Law Enforcement	2.8%	93	7.6%	80	lſ	10.8%	65	9.0%	45	7.1%	30
Allocation Index	4.4%	6	9.9%	47		10.6%	71	7.8%	72	5.1%	89
Policy Index	3.7%	54	10.2%	37		11.2%	60	8.9%	52	6.3%	50
Med Tot Public Fund	3.8%		9.8%			11.8%		9.0%		6.3%	

Green = 1st Quartile
Yellow = 2nd Quartile

Blue = 3rd Quartile Red = 4th Quartile

## **Years Ending September 30**

	Sep-	06	Sep-	05	Sep-	-04	Sep	-03	Sep-	-02	Sep-	·01	Sep-00	
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Law Enforcement Allocation Index	7.6% 9.9%	80 47	13.9% 11.1%	38 78	11.1% 10.8%	60 68	18.0% 16.1%	42 68	(4.0)% (7.4)%	19 62	(6.4)% (11.6)%	23 61	11.7% 10.3%	53 68
Policy Index	10.2%	37	11.7%	75	11.7%	49	19.1%	28	(6.7)%	51	(11.2)%	59	13.0%	37
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%	1	(6.5)%		(10.3)%		12.1%	

Green = 1st Quartile Yellow = 2nd Quartile

Blue = 3rd Quartile







## **Periods Ending September 30**

	Quai	rter	1 Ye	ear	3 Ye	ear	5 Ye	ear	7 Year	
	% Return	% Rank								
Equity Only Composite	2.4%	55	6.7%	71	13.4%	58	10.7%	43	6.7%	48
S&P 500	5.7%		10.8%		12.3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		14.8%		10.0%		6.7%	
International Equity Only Composite	5.2%	27	20.3%	45	21.6%	73	12.3%	92	6.0%	86
CITI PMI EPAC	4.0%		19.4%		22.8%		14.7%		5.8%	
International Equity Only Median	4.4%		20.0%		23.5%		16.6%		10.2%	
Fixed Inc Only Composite	3.7%	50	3.8%	48	3.4%	68	4.9%	67	6.4%	60
Lehman Aggregate	3.8%		3.7%		3.4%		4.8%		6.2%	
Fixed Inc Only Public Funds Median	3.7%		3.8%		3.9%		5.3%		6.6%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile



# Law Performance



## **Periods Ending September 30**

**Manager Ranked Against Appropriate Peer Group** 

		Quarter		1 Year		3 Ye	ear	5 Year	
	%	%	%	%	%	%	%	%	%
Domestic Equity	Portfolio	Return	Rank	Return	Rank	Return	Rank	Return	Rank
arge Value									
Hotchkis & Wiley	19.0%	5.3%	51	7.3%	96	17.8%	42	15.1%	8
Russell 1000 Value		6.2%		14.6%		17.2%		10.7%	
arge Growth									
Mackay Shields	17.6%	2.6%	55	5.6%	46	8.8%	66	3.3%	90
Artisan	7.8%	(1.2)%	95	1.7%	82	n/a		n/a	
Russell 1000 Growth		3.9%		6.1%		8.4%		4.4%	
Small Value									
Kennedy Capital	8.5%	(0.9)%	84	12.8%	15	20.3%	30	21.8%	4
Russell 2000 Value		2.6%		14.0%		19.0%		17.0%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile



# Law Performance



## **Periods Ending September 30**

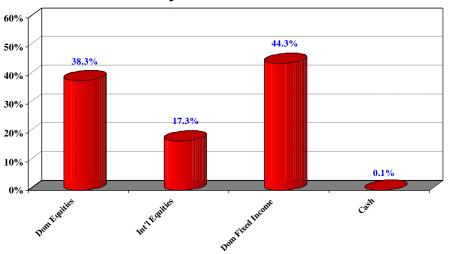
		Qua	rter	1 Ye	ear	3 Ye	ear	5 Ye	ar
	% Portfolio	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
International Equity	. 01410110	rtotairi	TOTAL	rtotarr	1 (0.11)		· · ·	rtotann	
Mondrian	5.5%	6.5%	6	21.9%	16	n/a		n/a	
Julius Baer	5.3%	3.9%	72	18.7%	71	n/a		n/a	
CITI PMI EPAC		4.0%		19.4%		22.8%		14.7%	
Bond Managers									
Core Bonds									
TCW	10.1%	3.6%	53	4.0%	46	3.7%	59	5.1%	58
NTGI Bond	17.8%	3.8%	45	3.7%	76	n/a		n/a	
LB Aggregate		3.8%		3.7%		3.4%		4.8%	
Real Estate									
RREEF	6.7%	(1.5)%	94	9.1%	79	10.5%	76	9.5%	65
NCREIF		3.5%		17.6%		16.4%		12.4%	
Private Investment									
AMR Private Equity	0.6%	(4.4)%	88	5.5%	63	13.6%	47	n/a	
Knightsbridge	0.7%	2.8%	34	8.9%	55	n/a		n/a	
American II	0.2%	2.7%	35	n/a		n/a		n/a	
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									



# Judges & Justices





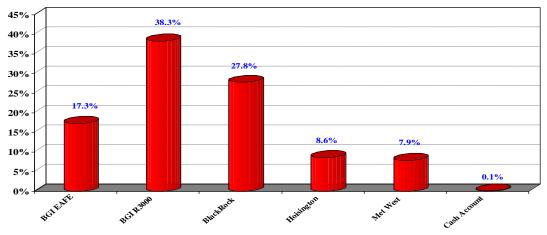


#### Quarter Ending 9/30/2006

# 6/30/2006 \$213,547 Net External Growth (\$1,370) Investment Return \$9,573 9/30/2006 \$221,750

Assets in (\$000)

## Allocation by Manager as of 9/30/06





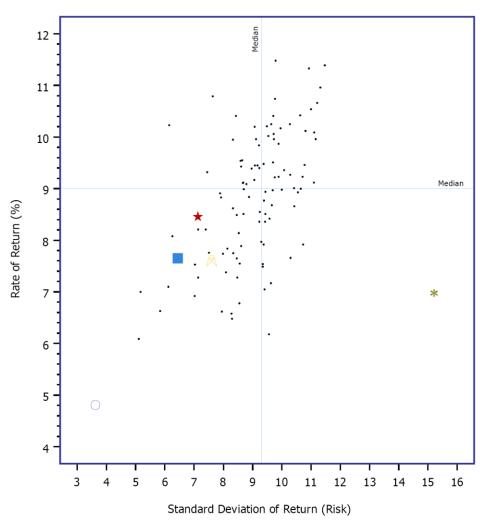


# Judges & Justices Total Return vs. Risk

#### **OK RET SYSTEM FOR JUDGES & JUSTICES**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Retu	rn	Standa Deviati		Sharpe Ratio		
<b>★</b> OK JUDGES	8.5	61	7.1	88	0.9	11	
ALLOC INDEX	7.7	76	6.4	90	0.8	19	
POLICY INDEX	7.6	77	7.6	83	0.7	58	
O LB AGGREGATE	4.8	98	3.6	100	0.7	64	
* S&P 500	7.0	86	15.2	1	0.4	97	
Median	9.0		9.3		0.8		







## **Periods Ending September 30**

	Qua	rter	1 Year		3 Ye	ear	5 Ye	ear	7 Year	
	%	%	%	%	%	%	%	%	%	%
	Return	Rank								
Judges	4.5%	5	8.8%	65	10.4%	74	8.5%	61	6.4%	45
Allocation Index	4.7%	4	8.7%	68	9.5%	82	7.7%	76	5.6%	78
Policy Index	4.1%	19	8.2%	74	9.3%	83	7.6%	77	5.6%	78
Med Tot Public Fund	3.8%		9.8%		11.8%		9.0%		6.3%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile

Red = 4th Quartile

## **Years Ending September 30**

	Sep	-06	Sep	-05	Sep	-04	Sep	<b>)-03</b>	Sep-02		2 Sep-01		Sep-00	
	%	%	%	%	%	%	%	% Rank	%	%	%	%	%	%
	Return	Rank	Return	Rank	Return	Rank	Return	% Kalik	Return	Rank	Return	Rank	Return	Rank
Judges	8.8%	65	11.4%	76	10.9%	67	15.6%	71	(3.4)%	15	(9.4)%	44	13.7%	29
Allocation Index	8.7%	68	9.7%	83	10.0%	81	12.7%	91	(2.3)%	12	(7.8)%	32	9.6%	75
Policy Index	8.2%	74	9.5%	85	10.1%	80	16.0%	69	(4.7)%	24	(8.1)%	35	10.5%	67
Med Tot Pub Fund	9.8%	]	13.1%		11.7%		17.5%	]	(6.5)%		(10.3)%	]	12.1%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile





# Judges & Justices Performance

## **Periods Ending September 30**

	Qua	rter	1 Ye	ear		3 Ye	ar	5 Y	ear	7 Ye	ear
	% Return	% Rank	% Return	% Rank		% Return	% Rank	% Return	% Rank	% Return	% Rank
Equity Only Composite	4.6%	38	10.3%	47	F	13.0%	63	8.8%	57	3.9%	65
S&P 500	5.7%		10.8%		ſ	12.3%		7.0%		2.2%	
Equity Only Public Funds Median	3.4%		10.1%		Ľ	14.8%		10.0%		6.7%	
International Equity Only Composite	4.0%	69	19.6%	59	2	22.7%	62	14.7%	82	5.0%	90
CITI PMI EPAC	4.0%		19.4%		2	22.8%		14.7%		5.8%	
International Equity Funds Median	4.4%		20.0%		2	23.5%		16.6%		10.2%	
Fixed Income Only Composite	4.6%	13	3.7%	54		4.7%	22	5.9%	27	7.2%	24
Lehman Aggregate	3.8%		3.7%			3.4%		4.8%		6.2%	
Fixed Inc Only Public Funds Median	3.7%		3.8%			3.9%		5.3%		6.6%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile





# Judges & Justices Performance

Periods Ending September 30
Manager Ranked Against Appropriate Peer Group

		Qua	rter	1 Y	ear	3 Ye	ear	5 Year		
Domestic Equity	% Portfolio	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	
Large Core	-					-				
BGI Russell 3000	38.3%	4.7%	67	10.3%	72	13.0%	31	n/a		
Russell 3000		4.7%		10.2%		13.0%		8.1%		
Domestic Equity Comp		4.7%	67	10.3%	72	13.0%	32	9.1%	22	
S&P 500		5.7%		10.8%		12.3%		7.0%		
International Equity										
BGI EAFE Fund	17.3%	4.0%	68	19.6%	60	22.7%	58	14.7%	80	
CITI PMI EPAC		4.0%		19.4%		22.8%		14.7%		
Bond Managers										
Core Bonds										

Joore Borias									
BlackRock	27.8%	3.5%	62	4.0%	53	3.7%	59	5.2%	53
Met West	7.9%	3.9%	30	5.4%	11	5.3%	15	5.3%	48
LB Aggregate		3.8%		3.7%		3.4%		4.8%	
Long Bonds	<u>-</u>	-				<u> </u>	<u>-</u>		
Hoisington	8.6%	8.9%	1	1.5%	99	6.9%	1	7.9%	7
Lehman Long		6.4%		2.4%		4.7%		6.4%	
						,			

Green = 1st Quartile Yellow = 2nd Quartile

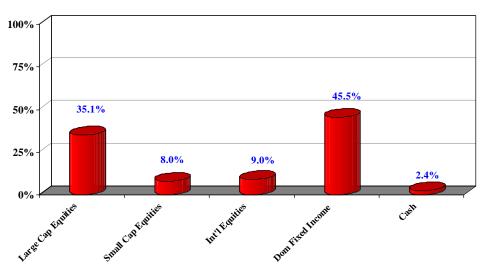
Blue = 3rd Quartile



# Department of Wildlife



## Allocation by Asset Class as of 9/30/06

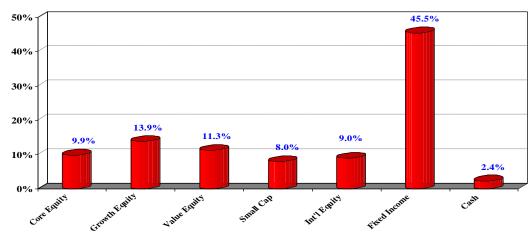


#### Quarter Ending 9/30/2006

6/30/2006	\$59,870
Net External Growth	(\$6,472)
Investment Return	\$8,520
9/30/2006	\$61,918

Assets in (\$000)

## Allocation by Bank of Oklahoma as of 9/30/06



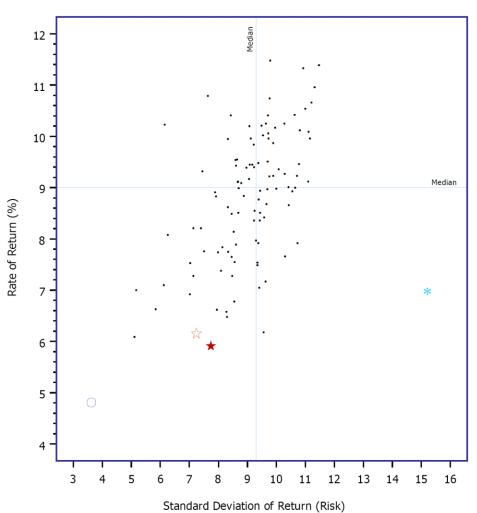




#### **OKLAHOMA DEP'T OF WILDLIFE**

5 Years Ending September 30, 2006

5 Year Risk vs. Return Total Public Funds - Total Returns



	Return		Standa Deviat		Sharpe Ratio		
<b>★</b> OK WILDLIFE	5.9	96	7.7	82	0.5	95	
☆ POLICY INDEX	6.2	93	7.2	87	0.6	91	
* S&P 500	7.0	86	15.2	1	0.4	97	
O LB AGGREGATE	4.8	98	3.6	100	0.7	64	
Median	9.0		9.3		0.8		



# Wildlife Total Return



## **Periods Ending September 30**

	Quarter		Quarter 1			ear	3 Ye	ear	5 Ye	ar	7 Year		
	%	%	%	%	%	%	%	%	%	%			
	Return	Rank	Return	Rank	Return	Rank	Return	Rank	Return	Rank			
Wildlife	3.7%	52	7.5%	82	9.0%	85	5.9%	96	4.6%	94			
Policy Index	4.7%	4	7.2%	85	7.8%	91	6.2%	93	4.5%	94			
Med Tot Public Fund	3.8%		9.8%		11.8%		9.0%		6.3%				
Green = 1st Quartile													
Yellow = 2nd Quartile													
Blue = 3rd Quartile													
Red = 4th Quartile													

## **Years Ending September 30**

	Sep-0	6	Sep-	∙05	Sep	-04	Sep	-03	Sep-	02	Sep-	-01	Sep-	-00
	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank	% Return	% Rank
Wildlife Policy Index	7.5% 7.2%	82 85	10.5% 7.5%	80 96	9.0% 8.8%	89 90	13.1% 14.9%	90 78	(8.9)% (6.5)%	83 47	(13.5)% (8.4)%	77 36	18.7% 10.4%	8 67
Med Tot Pub Fund	9.8%		13.1%		11.7%		17.5%		(6.5)%		(10.3)%		12.1%	
Green = 1st Quartile Yellow = 2nd Quartil Blue = 3rd Quartile Red = 4th Quartile														



# Wildlife Performance



## **Periods Ending September 30**

	Qua	rter	1 Y	ear		3 Ye	ar	5 Y	ear	7 Ye	ar
	% Return	% Rank	% Return	% Rank		% eturn	% Rank	% Return	% Rank	% Return	% Rank
Equity Only Comp	5.5%	23	n/a			n/a		n/a		n/a	
S&P 500	5.7%		10.8%		12	2.3%		7.0%		2.2%	
Equity Only Median	3.3%		9.9%		14	4.6%		10.2%		7.0%	
Int'l Only Composite	3.5%	77	n/a			n/a		n/a		n/a	
Citigroup PMI EPAC	4.0%		19.4%		22	2.8%		14.7%		5.8%	
Int'l Only Funds Median	4.4%		20.0%		23	3.5%		16.6%		10.2%	
Fixed Income Only Comp	3.6%	58	n/a			n/a		n/a		n/a	
Lehman Aggregate	3.8%		3.7%		3	3.4%		4.8%		6.2%	
Fixed Inc Only Fnd Median	3.7%		4.0%		3	3.9%		5.3%		3.2%	

Green = 1st Quartile

Yellow = 2nd Quartile

Blue = 3rd Quartile







## **Periods Ending September 30**

**Manager Ranked Against Appropriate Peer Group** 

	Qua		1 Ye		3 Ye		5 Year		
	%	%	%	%	%	%	%	%	
Domestic Equity	Return	Rank	Return	Rank	Return	Rank	Return	Rank	
Large Core									
Core Equity	5.2%	54	n/a		n/a		n/a		
S&P 500	5.7%		10.8%		12.3%		7.0%		
Large Growth		-		_		-			
Growth Equity	6.1%	3	n/a		n/a		n/a		
Russell 1000 Growth	3.9%		6.1%		8.4%		4.4%		
Large Value									
Value Equity	5.0%	62	n/a		n/a		n/a		
Russell 1000 Value	6.2%		14.6%		17.2%		10.7%		
Small Cap									
Core Equity	(0.1)%	85	n/a		n/a		n/a		
Russell 2000	0.4%		9.9%		15.5%		13.8%		
International									
International Equity	3.5%	79	n/a		n/a		n/a		
Citigroup PMI EPAC	4.0%		19.4%		22.8%		14.7%		
Fixed Income									
Fixed Income	3.6%	80	n/a		n/a		n/a		
LB Aggregate	3.8%		3.7%		3.4%		4.8%		
Green = 1st Quartile									
Yellow = 2nd Quartile									
Blue = 3rd Quartile									
Red = 4th Quartile									



# Size & Style



Each domestic equity manager's portfolio is loaded into NEPC's system (stock by stock) and the portfolio is compared to all other portfolios in the universe. The portfolio receives a "score" based on the overall size and style of its holdings.

### *>Why?...*

- --Size and style are two of the most important decisions a manager makes.
- --Acts as a check on manager consistency over time.
- --Offers an opportunity to compare relative performance with peers.
- -- Assists in diversifying the overall fund equity exposure.

#### > Calculations...

- --Size is measured by how far above or below the universe median a manager's portfolio falls.
- --Style gives consideration to: book to price, earnings growth, earnings to price and yield. Each of these factors is captured from the latest reported data.

#### >Results...

--The size and style scores allow each manager (or fund Composite, when summarizing) to be placed into one of nine peer groups (three by size times three by style).

#### >Comment...

--No methodology captures all of the complex decisions a manager makes but this exercise offers one more analytical tool.



# Customized Indices: Policy and Allocation

- For each Total Fund actual return we report to you, if we have available information, we also construct two hypothetical returns: A Policy Index return and an Allocation Index return.
- These two hypothetical returns are useful in diagnosing to what factors the total return can be attributed.
- The Policy Index is merely the return the Fund would have had if the policy target allocation had been strictly adhered to and each asset class investment would have been in an index fund for that class, rather than with an active manager.
- The Allocation Index is the return the Fund would have had using the <u>actual</u> allocation of the Fund and index returns, as above with the Policy Index.
- NOTE: These tools are most useful over longer time periods and are not particularly useful over the short run.
- Looking at the Policy Index for longer term returns gives us a base-line. What part of the Fund's return can be attributed to being in the right asset classes? For example, the Teachers Fund Policy Index "return" of 9.4% for the last five years accounted for the majority of the actual return of 10.5% for that time period. This is not surprising and is as it should be. Policy decisions (what asset classes to be in and to what extent) are the most important decisions a Fund's Board makes.
- Turning to the Allocation Index. What information does this add? Remember, that the only difference between it and the Policy Index is that we let the allocation "drift" away from the target to the same extent as actually occurred. Then, the difference in return (in this example 9.2%-9.4%) can be attributed to this allowed drift. In this time period, letting asset classes drift beyond their targets had a negative effect on the performance of the Fund.
- Lastly, we compare actual return to the hypothetical Allocation Index return to see what contribution was made by active management. Here we see that substantial value was added during this time period (10.5%-9.2%).



# Information Disclosure



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