Employees' Retirement Fund of the City of Dallas

Executive Summary of Investment Performance

December 31, 2016

Monthly Summary

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Global Equity Composite	1.68	0.87	5.52	5.52	2.17		8/31/12	7.76	160,229	4.80
Global Low Volatility Composite	2.20	-2.36	8.30	8.30			6/30/15	5.57	331,365	9.93
Domestic Equity Composite	1.99	5.12	13.38	13.38	8.23	14.32	12/31/89	9.92	493,442	14.79
International Equity Composite	2.67	-0.11	4.89	4.89	-0.49	7.26	12/31/89	5.17	482,315	14.46
Global Fixed Income Composite	0.28	-2.48	3.89	3.89	3.61	3.07	9/30/95	5.18	462,677	13.87
High Yield Composite	1.91	1.70	14.25	14.25	4.22	6.62	12/31/96	6.69	419,347	12.57
Credit Opportunities Composite	1.34	-0.92					1/31/16	10.90	83,494	2.50
Total Real Estate Composite	1.76	-1.72	4.83	4.83	11.08	10.89	12/31/89	6.64	367,574	11.02
Indices										
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13	9.36	12/31/84			
Wilshire 5000	2.06	4.54	13.37	13.37	8.76	14.71	12/31/84	10.94		
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/84	11.04		
MSCI ACWI X US IMI Index (N)	2.50	-1.57	4.41	4.41	-1.44	5.35	12/31/84			
MSCI EAFE Index (N)	3.42	-0.71	1.00	1.00	-1.60	6.53	12/31/84	8.46		
Bloomberg Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	12/31/84	7.07		
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	12/31/84			
Wilshire Real Est. Secs	4.87	-2.20	7.62	7.62	14.05	12.24	12/31/84	9.28		
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/84			

Manager returns are net of fees.

Monthly Summary

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Public Real Assets Composite	4.40	2.17	23.07	23.07	-0.42	8.99	12/31/11	8.99	286,265	8.58
Private Equity Composite	0.56	1.75	4.26	4.26	10.45	9.98	5/31/09	13.02	174,810	5.24
Managed Short Term Composite	0.04	0.08	0.30	0.30	0.13	0.12	12/31/89	2.52	74,781	2.24
Dallas Total Fund	1.91	0.53	9.08	9.08	4.52	8.82	12/31/84	9.16	3,336,299	100.00
Policy Index	1.81	0.26	10.29	10.29	4.41	8.48	12/31/84	9.82		
Indices										
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13	9.36	12/31/84			
Wilshire 5000	2.06	4.54	13.37	13.37	8.76	14.71	12/31/84	10.94		
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/84	11.04		
MSCI ACWI X US IMI Index (N)	2.50	-1.57	4.41	4.41	-1.44	5.35	12/31/84			
MSCI EAFE Index (N)	3.42	-0.71	1.00	1.00	-1.60	6.53	12/31/84	8.46		
Bloomberg Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	12/31/84	7.07		
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	12/31/84			
Wilshire Real Est. Secs	4.87	-2.20	7.62	7.62	14.05	12.24	12/31/84	9.28		
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/84			

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Northern Trust Global Equity	2.19	1.33	8.82	8.82			9/30/15	11.28	79,193	49.43
MSCI AC World IMI Index (N)	2.15	1.27	8.36	8.36			9/30/15	10.80		
Wellington	1.19	0.42	2.47	2.47	4.03		8/31/12	11.95	81,036	50.57
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13		8/31/12	8.59		
MSCI ACWI (N) + 2%	2.33	1.68	9.86	9.86	5.13		8/31/12	10.59		
Global Equity Composite	1.68	0.87	5.52	5.52	2.17		8/31/12	7.76	160,229	100.00
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13		8/31/12	8.59		
Indices										
MSCI AC World IMI Index (N)	2.15	1.27	8.36	8.36	3.24	9.61	8/31/12	8.88		
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13	9.36	8/31/12	8.59		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Acadian Global Low Vol.	2.53	-1.93	8.58	8.58			6/30/15	5.32	165,638	49.99
MSCI ACWI (N)	2.16	1.19	7.86	7.86			6/30/15	1.71		
MSCI ACWI (N) + 2%	2.33	1.68	9.86	9.86			6/30/15	3.71		
MSCI ACWI Min Vol (N)	1.80	-2.91	7.43	7.43			6/30/15	5.27		
BlackRock Global Low Vol.	1.87	-2.79	8.01	8.01			6/30/15	5.81	165,727	50.01
MSCI ACWI Min Vol (N)	1.80	-2.91	7.43	7.43			6/30/15	5.27		
Global Low Volatility Composite	2.20	-2.36	8.30	8.30			6/30/15	5.57	331,365	100.00
MSCI ACWI Min Vol (N)	1.80	-2.91	7.43	7.43			6/30/15	5.27		
Indices										
MSCI ACWI Min Vol (N)	1.80	-2.91	7.43	7.43	7.00	9.53	6/30/15	5.27		
MSCI ACWI (N)	2.16	1.19	7.86	7.86	3.13	9.36	6/30/15	1.71		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Northern Trust S&P 500 (Lending)	1.98	3.83	11.99	11.99	8.93	14.71	12/31/94	9.59	219,247	44.43
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/94	9.54		
T. Rowe Price	1.75	3.19	10.62	10.62	8.70	14.82	3/31/06	7.91	134,608	27.28
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	3/31/06	7.50		
Standard & Poor's 500 + 1%	2.06	4.07	12.96	12.96	9.87	15.66	3/31/06	8.50		
Domestic Equity Enhanced Index Comp	1.75	3.19	9.11	9.11	7.77	13.94	2/28/06	7.30	134,608	27.28
Indices										
Wilshire 5000	2.06	4.54	13.37	13.37	8.76	14.71	12/31/89	9.49		
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/89	9.39		
Russell 2000	2.80	8.83	21.31	21.31	6.74	14.46	12/31/89	9.60		
Russell 1000 Value	2.50	6.68	17.34	17.34	8.59	14.80	12/31/89	9.83		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Systematic Financial	2.71	9.37	22.47	22.47	9.46	16.50	7/31/03	11.21	68,426	13.87
Russell 2000	2.80	8.83	21.31	21.31	6.74	14.46	7/31/03	9.57		
Russell 2000 + 1.25%	2.91	9.14	22.56	22.56	7.99	15.71	7/31/03	10.82		
Channing Capital *	3.25	15.06	28.36	28.36	8.33		11/30/13	8.85	37,795	7.66
Russell 2000 Value	4.13	14.07	31.74	31.74	8.31		11/30/13	8.73		
Russell 2000 Value + 1.25%	4.23	14.38	32.99	32.99	9.56		11/30/13	9.98		
Redwood Investments	-0.05	1.45					9/30/16	1.45	33,366	6.76
Russell 2000 Growth	1.36	3.57					9/30/16	3.57		
Russell 2000 Growth +1.50%	1.49	3.94					9/30/16	3.94		
Domestic Equity Small Cap Composite	2.23	9.08	20.64	20.64	7.89	14.79	5/31/03	9.93	139,587	28.29
Domestic Equity Composite	1.99	5.12	13.38	13.38	8.23	14.32	12/31/89	9.92	493,442	100.00
Custom Benchmark	2.06	4.54	13.37	13.37	8.76	14.71	12/31/89	9.81		
Indices										
Wilshire 5000	2.06	4.54	13.37	13.37	8.76	14.71	12/31/89	9.49		
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/89	9.39		
Russell 2000	2.80	8.83	21.31	21.31	6.74	14.46	12/31/89	9.60		
Russell 1000 Value	2.50	6.68	17.34	17.34	8.59	14.80	12/31/89	9.83		

* Next Generation Manager. Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Acadian International	2.26	-0.40	8.65	8.65	2.12	10.41	3/31/89	8.17	102,589	21.27
Custom Benchmark	2.12	-3.52	3.91	3.91	0.77	7.74	3/31/89	5.61		
Custom Benchmark + 2%	2.29	-3.02	5.91	5.91	2.77	9.74	3/31/89	7.61		
Baring International	2.45	-0.36	2.60	2.60	-1.84	4.90	3/31/88	6.34	187,798	38.94
MSCI ACWI X US (N)	2.56	-1.25	4.50	4.50	-1.77	5.00	3/31/88	4.79		
MSCI ACWI X US (N) + 1.25%	2.66	-0.94	5.75	5.75	-0.52	6.25	3/31/88	6.04		
AQR Capital Management	3.11	0.28	5.30	5.30	-0.58	7.71	3/31/06	2.25	191,928	39.79
Custom Benchmark	2.56	-1.25	4.50	4.50	-1.77	5.00	3/31/06	1.43		
Custom Benchmark + 1.5%	2.68	-0.88	6.00	6.00	-0.27	6.50	3/31/06	2.93		
International Equity Composite	2.67	-0.11	4.89	4.89	-0.49	7.26	12/31/89	5.17	482,315	100.00
Custom Benchmark	2.50	-1.57	4.41	4.41	-1.44	5.35	12/31/89	4.16		
Indices										
MSCI ACWI X US IMI Index (N)	2.50	-1.57	4.41	4.41	-1.44	5.35	12/31/89			
MSCI ACWI X US (N)	2.56	-1.25	4.50	4.50	-1.77	5.00	12/31/89			
MSCI ACWI X US Small Cap (N)	2.12	-3.52	3.91	3.91	0.77	7.74	12/31/89			
MSCI EAFE Index (N)	3.42	-0.71	1.00	1.00	-1.60	6.53	12/31/89	3.99		
MSCI Emerging Mkts (N)	0.22	-4.17	11.18	11.18	-2.56	1.28	12/31/89			

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Advantus Capital Management	0.28	-2.27	4.52	4.52	4.07	3.47	6/30/07	4.82	196,956	42.57
Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	6/30/07	4.47		
Barclays Aggregate + 0.5%	0.18	-2.85	3.15	3.15	3.53	2.73	6/30/07	4.97		
Aberdeen Global Fixed Income	0.33	-2.68	3.59	3.59	3.10	2.62	4/30/07	4.98	199,485	43.12
Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	4/30/07	4.28		
Barclays Aggregate + 0.5%	0.18	-2.85	3.15	3.15	3.53	2.73	4/30/07	4.78		
Garcia Hamilton *	0.11	-2.53	2.99	2.99	3.75		10/31/13	3.44	66,236	14.32
Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03		10/31/13	2.56		
Barclays Aggregate + 0.5%	0.18	-2.85	3.15	3.15	3.53		10/31/13	3.06		
Global Fixed Income Composite	0.28	-2.48	3.89	3.89	3.61	3.07	9/30/95	5.18	462,677	100.00
Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	9/30/95	5.35		
Indices										
10 yr Treasury Bellwethers Index	-0.38	-6.81	-0.16	-0.16	3.72	1.39	9/30/95	5.19		
Bloomberg Barclays Aggregate	0.14	-2.98	2.65	2.65	3.03	2.23	9/30/95	5.35		

* Next Generation Manager. Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Oaktree Capital Management	2.25	2.03	16.00	16.00	3.68	6.24	1/31/97	7.01	210,848	50.28
Citigroup HY Cash Pay Capped	1.89	1.84	17.30	17.30	4.18	6.78	1/31/97			
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	1/31/97	7.07		
Citigroup HY Cash Pay + 1%	1.98	2.12	18.58	18.58	5.23	7.89	1/31/97	8.07		
BlackRock	1.57	1.36	12.53	12.53	3.96	6.49	9/30/06	6.62	208,499	49.72
Citigroup HY Cash Pay Capped	1.89	1.84	17.30	17.30	4.18	6.78	9/30/06	7.21		
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	9/30/06	7.32		
Citigroup HY Cash Pay + 1%	1.98	2.12	18.58	18.58	5.23	7.89	9/30/06	8.32		
High Yield Composite	1.91	1.70	14.25	14.25	4.22	6.62	12/31/96	6.69	419,347	100.00
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	12/31/96	7.07		
Indices										
10 yr Treasury Bellwethers Index	-0.38	-6.81	-0.16	-0.16	3.72	1.39	12/31/96	5.23		
91-Day Treasury Bill	0.04	0.08	0.33	0.33	0.14	0.12	12/31/96	2.30		
Citigroup High Yield Cash Pay	1.90	1.87	17.58	17.58	4.23	6.89	12/31/96	7.04		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Neuberger Berman	1.34	-0.92					1/31/16	10.90	83,494	100.00
Custom Benchmark	1.48	-0.06					1/31/16	13.43		
Custom Benchmark + 1%	1.57	0.19					1/31/16	14.35		
Credit Opportunities Composite	1.34	-0.92					1/31/16	10.90	83,494	100.00
Custom Benchmark	1.48	-0.06					1/31/16	13.43		
Indices										
ML High Yield Master II Constrained	1.97	1.88	17.49	17.49	4.73	7.35	1/31/16	19.37		
S&P LSTA Leverage Loan Index	1.16	2.26	10.16	10.16	3.58	5.11	1/31/16	10.88		
JPM EMBI Global Diversified	1.33	-4.02	10.16	10.16	6.18	5.91	1/31/16	10.36		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Adelante Capital Management *	4.89	-2.85	3.56	3.56	12.79	11.57	9/30/01	10.43	80,291	21.84
Wilshire Real Est. Secs	4.87	-2.20	7.62	7.62	14.05	12.24	9/30/01	11.04		
Wilshire Real Est. Secs +1%	4.95	-1.95	8.62	8.62	15.05	13.24	9/30/01	12.04		
Security Capital	4.56	-2.51	5.85	5.85	13.44	11.20	9/30/01	10.76	80,178	21.81
Wilshire Real Est. Secs	4.87	-2.20	7.62	7.62	14.05	12.24	9/30/01	11.04		
Wilshire Real Est. Secs +1%	4.95	-1.95	8.62	8.62	15.05	13.24	9/30/01	12.04		
REIT Composite	4.72	-2.68	4.71	4.71	13.13	11.40	9/30/01	10.68	160,469	43.66
Wilshire Real Est. Secs	4.87	-2.20	7.62	7.62	14.05	12.24	9/30/01	11.04		
Heitman America Real Estate Trust, LP	0.00	0.00	6.53	6.53	10.53	11.50	11/30/10	12.77	86,814	23.62
NCREIF ODCE NOF	0.00	0.00	5.80	5.80	10.35	10.74	11/30/10	12.11		
Benchmark Return							11/30/10			
Invesco Core Real Estate USA, LLC	0.00	0.00	6.90	6.90	11.07	10.78	11/30/10	12.12	68,988	18.77
NCREIF ODCE NOF	0.00	0.00	5.80	5.80	10.35	10.74	11/30/10	12.11		
Benchmark Return							11/30/10			
Invesco II	-1.66	-3.75	-4.06	-4.06	-1.12		9/30/13	-1.34	51,303	13.96
Indices										
Wilshire REIT Index	4.86	-2.28	7.24	7.24	13.78	12.02	12/31/89	10.01		
NCREIF ODCE GOF	0.00	0.00	6.52	6.52	11.28	11.74	12/31/89	7.28		

* Next Generation Manager. Manager returns are net of fees.
Private Core Real Estate manager information is preliminary as market values are not yet finalized by the manager.
The following managers have been placed on WATCH: Adelante Capital Management & Security Capital.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Private Core Real Estate Composite	-0.42	-0.93	4.23	4.23	9.38	10.33	9/30/10	11.34	207,105	56.34
Custom Benchmark	-0.37	-0.83	3.56	3.56	7.84	9.04	9/30/10	10.40		
Total Real Estate Composite	1.76	-1.72	4.83	4.83	11.08	10.89	12/31/89	6.64	367,574	100.00
Custom Benchmark	2.25	-1.45	5.86	5.86	11.22	10.91	12/31/89	8.86		
Indices										
Wilshire REIT Index	4.86	-2.28	7.24	7.24	13.78	12.02	12/31/89	10.01		
NCREIF ODCE GOF	0.00	0.00	6.52	6.52	11.28	11.74	12/31/89	7.28		

Manager returns are net of fees.

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Harvest Fund Advisors MLP	3.96	1.67	18.27	18.27	-1.35	7.72	12/31/11	7.72	140,472	49.07
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/11	2.24		
Alerian MLP Index + 1.5%	4.52	2.41	19.81	19.81	-4.30	3.74	12/31/11	3.74		
Atlantic Trust CIBC	4.83	2.65	28.09	28.09	-0.62	9.71	12/31/11	9.71	145,792	50.93
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/11	2.24		
Alerian MLP Index + 1.5%	4.52	2.41	19.81	19.81	-4.30	3.74	12/31/11	3.74		
Public Real Assets Composite	4.40	2.17	23.07	23.07	-0.42	8.99	12/31/11	8.99	286,265	100.00
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/11	2.24		
Indices										
Alerian MLP Index	4.39	2.04	18.31	18.31	-5.80	2.24	12/31/11	2.24		
Standard & Poor's 500	1.98	3.82	11.96	11.96	8.87	14.66	12/31/11	14.66		

Manager returns are net of fees.

Employees' Retirement Fund of the City of Dallas

Monthly Performance and Market Value Summary

Periods Ended 12/31/16

Wilshire

	Month-End Market Value	Commitment Value	Drawn Down Capital	Cash Distributions	Inception Date	IRR Since Inception	Multiple [3]
GCM-CFIG	88,639,169	135,000,000	67,180,603	1,016,325	Jun-11	10.3%	1.3
Hamilton Lane Secondary Fund II	3,357,257	25,000,000	22,783,343	25,203,014	Jul-09	9.6%	1.3
Hamilton Lane Secondary Fund III	15,887,237	30,000,000	17,732,318	12,150,873	Nov-12	30.9%	1.6
Hamilton Lane Fund VII Composite	40,128,218	50,000,000	42,992,714	14,348,145	Jan-10	7.9%	1.3
Hamilton Lane Fund VIII (Global)	16,522,353	30,000,000	15,168,925	1,341,060	Nov-12	9.3%	1.2
Fairview Capital III *	7,018,894	40,000,000	7,623,645	-	Aug-15	-15.5%	0.9
Hamilton Lane STIF [1]	3,256,804	-	-	-	Aug-09	-.-	-.-
Total Private Equity Composite	**174,809,931**	**310,000,000**	**173,481,548**	**54,059,417**	**Jul-09**	**11.9%**	**1.5**
Public Market Equivalent (PME) [2]	**206,164,547**					**16.4%**	

* Next Generation Manager

[1] Total Value to Paid-in Capital ("TVPI") multiple calculation = *(market value + distributions) / capital called*

[2] The Public Market Equivalent (PME) approach creates a hypothetical investment vehicle that mimics the private equity composite cash flows. The performance difference between the PME vehicle and the private equity portfolio is determined by their net asset value (NAV) at the end of the benchmarking period. The performance of the "public market" is simulated using the monthly S&P 500 index returns, plus a 300 BPs annual hurdle rate.

[3] Private Equity cash account

Wilshire

Investment Performance and Market Values

For Periods Ending December 31, 2016

	Returns								Market Value	
	Month	3 Months	CYTD	1 Year	3 Years	5 Years	Inception Date	Inception Return	$(000)	Percent
Cash Account	0.04	0.08	0.30	0.30	0.13	0.12	12/31/87	2.94	74,781	100.00
Managed Short Term Composite	0.04	0.08	0.30	0.30	0.13	0.12	12/31/89	2.52	74,781	100.00
Indices										
91-Day Treasury Bill	0.04	0.08	0.33	0.33	0.14	0.12	12/31/89	3.09		

Manager returns are net of fees.