Wilshire Mutual Funds

Second Quarter June 30, 2010

Wilshire 5000 Index℠

Investment Objective

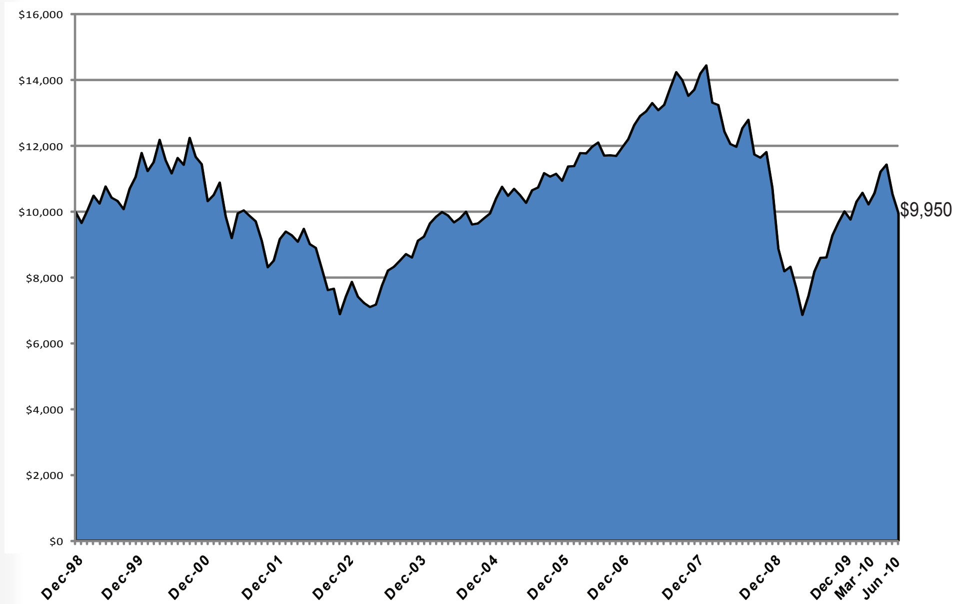
The goal of the Wilshire 5000 Index Portfolio is to replicate as closely as possible (before expenses) the total return of the Wilshire 5000 Index℠. Although the index holds approximately 5,000 securities, the fund holds between 2,000 and 3,000 securities, using sampling procedures to mimic the capitalization and sector weightings of the Index. The Wilshire 5000 Index is an unmanaged index which includes all U.S. equity securities with readily available price data and holds nearly 5,000 stocks. It is not possible to directly invest in an index.

Performance Overview

After four consecutively positive quarters, the U.S. stock market suffered a significant correction during the second quarter of 2010 with the S&P 500 Index falling -11.4% as the lingering European sovereign debt crisis sparked a global equity market sell-off and general flight to safety. Large cap stocks suffered the steepest losses, with the Russell 1000 Index falling -11.5% versus a -9.9% decline for the Russell 2000 Index. Both growth and value styles were caught in the downdraft, with growth stocks modestly trailing value within large caps and value lagging growth within small caps. All sectors were negative for the quarter, with the more defensively oriented Utilities (-3.7%) and Telecom (-4.2%) sectors posting the best relative relative returns while Materials (-15.3%), Financials (-13.3%) and Energy (-12.5%) took the biggest hits.

The Wilshire 5000 Fund (the "Fund") returned -11.3% for the quarter ending June 30, 2010, flat to slightly trailing the Fund's benchmark (the Wilshire 5000 Index) return of -11.19%. As the Fund is designed to closely track the performance of the Wilshire 5000 Index, the performance of the Fund is within our expectations.

Growth of a $10,000 Investment



Total Return

	2nd Quarter	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Investor Class	-11.30%	-6.04%	15.40%	-9.77%	-0.96%	-1.50%	0.04%
Institutional Class	-11.21%	-5.94%	15.64%	-9.61%	-0.77%	-1.25%	0.29%

Investor Class Inception: 1/29/99

Institutional Class Inception: 1/29/99

Returns for periods less than one year are aggregate and returns for periods more than one year are annualized. The performance data quoted represents past performance and does not guarantee future results. Current performance may be lower or higher. Performance data current to the most recent month end may be obtained at www.wilshirefunds.com. The investment return and principal value of an investment will fluctuate so that shares, when redeemed, may be worth more or less than their original cost. The Fund's annual gross operating expense ratio, as stated in the current prospectus is 0.77% for the Investment Class and 0.54% for the Institutional Class.

Ticker Symbol

Investor Class.......................................WFIVX
Institutional Class.................................WINDX

Portfolio Management

Los Angeles Capital Management

Wilshire 5000 Index℠

The U.S. Equity Market

After four consecutive quarters of gains, the U.S. stock market suffered a significant correction during the second quarter. The Wilshire 5000 Total Market IndexSM retreated -11.19% in Q2, bringing its year to date return to -5.83%. With the exception of a -22.85% pounding in Q4 2008, this marks the index's worst quarterly loss since a 16.81% pullback in Q3 2002. The quarter began with a respectable 2.11% return in April before selling off sharply in May and June; -7.92% and -5.54%, respectively. Over the past twelve months the Wilshire 5000 maintains a gain of 15.68%.

Large capitalization stocks suffered the deepest losses during the second quarter's sell-off, with the Wilshire U.S. Large Cap Index falling -11.26% versus a -9.76% decline for the Wilshire U.S. Small Cap Index. Micro-caps, which experienced the largest losses in June, held up best through the full quarter with a return of -8.69%. The micro-cap group was the only size segment that managed to sustain its gains for the year; clinging to a 1.88% year-to-date return. Both the growth and value style segments were caught up in the downdraft with growth stocks trailing value in the large segment; -12.90% vs. -9.92%, respectively. In the small cap segment, however, value stocks lagged growth with returns of -11.12% & -8.36% for the Wilshire U.S. Small Cap Value & Growth Indexes, respectively. All sectors were down for the quarter, but the Utilities and Telecom Services groups held up best with total returns of -3.58% & -5.12%, respectively. Materials, Financials and Energy stocks took the biggest hits with Q2 declines of -15.3%, -13.3% & -12.5%, respectively.

The U.S. economy showed continued signs of a recovery during the 1st quarter with real GDP growing at an annual rate of 2.7%. Concerns of a slowdown or double-dip recession have risen in recent months, however, as GDP growth cooled from its 5.6% pace in the 4th quarter of 2009.

Top Ten Holdings as of 6/30/10

Exxon Mobil Corp	2.8%
Apple Computer Inc	2.2%
Microsoft Corp	1.8%
Procter & Gamble Co	1.7%
Johnson & Johnson	1.5%
General Elec Co	1.4%
IBM	1.4%
JP Morgan Chase	1.4%
Bank Amer Corp	1.3%
At&T Inc	1.3%

Holdings are subject to change. The fund is actively managed on a daily basis, the securities represented do not represent the current or future composition of the portfolio.

Fundamental Characteristics

P/E	18.08
P/B	1.80
Beta	1.00
R-squared	1.00
Fund Assets	$140.3M
Number of Securities	2049

Sector Breakdown as of 6/30/10

Consumer Discretionary	10.5%
Consumer Staples	10.4%
Energy	10.3%
Financials	16.9%
Health Care	12.0%
Industrials	10.5%
Information Technology	18.9%
Materials	3.7%
Telecomm Services	3.0%
Utilities	3.7%

The P/B ratio is calculated based on the book value of each Portfolio security as of the end of it's issuers most recent fiscal year. The P/E ratio is calculated based on the latest 12 months earnings of each Portfolio security. The price is as of the date of this publication. Beta is a measure of the fund's sensitivity to the benchmark index. R-squared is a statistical measure that represents the percentage of a fund's or security's movements that are explained by movements in a benchmark index. As the fund is actively managed on a daily basis, the securities represented do not represent the current or future composition of the portfolio.

CONTACT: WILSHIRE MUTUAL FUNDS, INC 1-888-200-6796 or visit www.wilshirefunds.com. Send questions or comments to WILSHIRE MUTUAL FUNDS, INC., c/o DST, Inc., Wilshire Mutual Funds P.O. Box 219512 Kansas City, MO 64121- 9512.

There are risks involved with investing, including the possible loss of principal. In addition to the risks associtated with investing, investments in smaller companies typically exhibit higher volatility. You should consider the investment objectives, risks, charges and expenses of the Wilshire Mutual Funds, Inc carefully before investing. A prospectus with this and other information about the Wilshire Mutual Funds, Inc may be obtained by calling 1-800-200-6796. It should be read carefully before investing.