## Chart III

Total Return Performance Comparison - 5 Years


Chart IV
Total Return Performance Comparison - 10 Years


## Investment Summary

(Dollar values expressed in thousands)

|  | Market Value as of June 30, 2002 |  | Percent of Total Investment Assets | Tota Invest | $\begin{aligned} & \text { FY } 2002 \\ & \text { ent Fees } \end{aligned}$ | Basis <br> Points |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Equities |  |  |  |  |  |  |
| U.S. Equities | \$ | 2,340,438 | 48.2\% |  |  |  |
| Intl. Equities |  | 577,094 | 11.9\% |  |  |  |
| Sub-Total | \$ | 2,917,532 | 60.1\% | \$ | 8,367 |  |
| Fixed Income |  |  |  |  |  |  |
| U.S. Bonds | \$ | 1,234,827 | 25.4\% |  |  |  |
| Intl. Bonds |  | 132,129 | 2.7\% |  |  |  |
| Sub-Total | \$ | 1,366,956 | 28.1\% | \$ | 2,458 |  |
| Other Asset Allocations |  |  |  |  |  |  |
| Private Investments | \$ | 480,912 | 9.9\% |  |  |  |
| Cash \& Equivalents |  | 92,296 | 1.9\% |  |  |  |
| Sub-Total | \$ | 573,208 | 11.8\% | \$ | 1,024 |  |
| Other Investment Services |  |  |  |  |  |  |
| Custodian/ Investment Advisor Fees | \$ | - | - | \$ | 1,550 |  |
| Pension Office Support Staff Expenses |  | - | - |  | 232 |  |
| Grand Totals | \$ | 4,857,696 | 100.0\% | \$ | 13,631 | $27 \mathrm{bp}{ }^{*}$ |

* Other fees include Private Investment fees detailed on page 38. These fees have been excluded from the basis point calculation since they have already been netted from income. Basis point calculation is the weighted average based on the quarterly fund valuation.


## Glossary of Terms Used

Fair Value (Market Value):
The value at which an investment could be sold in a transaction between a willing buyer and a willing seller. All assets with regularly traded markets are shown at the fair value as determined by the custodian bank based on quoted market values. All other assets are adjusted to market value monthly except real estate which is adjusted quarterly to appraised values, venture capital which is adjusted at least quarterly based on individual partnership procedures, and any private placement or partnership participation where values are supplied periodically by the respective management organizations in accordance with established procedures.

## Time-Weighted Total Return:

The measure used for judging investment management of the System. It is based on market value and minimizes or eliminates any distortion in the rate of return caused by the timing of cash flows into or out of the System.

## Private Investments

Private Investments include investments in Venture Capital, Private Equity, and certain Convertible Securities.

## List of Largest Assets Directly Held*

as of J une 30, 2002 (excludes investments in pooled vehicles)

| Equities (Includes Convertibles) | Market Value | \% of Total Fund | Shares/Par (\$) |  |
| :--- | :---: | :---: | :---: | :---: |
| APARTMENT INV \& MGMT CO CL A | $\$$ | $16,895,280$ | $0.35 \%$ | 343,400 shares |
| SUN COMMUNITIES INC | $12,692,000$ | $0.26 \%$ | 304,000 shares |  |
| GENERAL GROWTH PROPERTIES INC | $12,428,700$ | $0.26 \%$ | 243,700 shares |  |
| VORNADO REALTY TRUST | $11,854,920$ | $0.24 \%$ | 256,600 shares |  |
| EQUITY OFFICE PROPERTIES TRUST | $10,395,155$ | $0.21 \%$ | 345,354 shares |  |
| CITIGROUP INC | $10,330,750$ | $0.21 \%$ | 266,600 shares |  |
| AMB PROPERTY CORP | $9,938,600$ | $0.21 \%$ | 320,600 shares |  |
| CENTERPOINT PROPERTIES TRUST |  | $9,809,491$ | $0.20 \%$ | 169,100 shares |
| AVALONBAY COMMUNITIES INC | $8,807,620$ | $0.18 \%$ | 188,600 shares |  |
| GENERAL ELECTRIC CO | $8,497,125$ | $0.18 \%$ | 292,500 shares |  |


| Fixed Income | Market Value |  | \% of Total Fund |  | Par (\$) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| UNITED STATES TREAS NTS 5.875\% 11/ 15/ 04 | \$ | 21,256,200 | 0.44\% | \$ | 20,000,000 |
| FEDERAL HOME LN MTG CORP NT 7.00\% 7/ 15/2005 |  | 16,425,000 | 0.34\% | \$ | 15,000,000 |
| FEDERAL HOME LN BANK BND 5.375\% 1/05/2004 |  | 10,936,900 | 0.21\% | \$ | 10,000,000 |
| UNITED STATES TREAS NT/ BND 5.875\% 9/30/2002 |  | 10,106,300 | 0.21\% | \$ | 10,000,000 |
| FEDERAL NATIONAL MTG ASSN NT 5.750\% 4/15/2003 |  | 9,767,235 | 0.20\% | \$ | 9,500,000 |
| UNTTED STATES TREAS NTS 5/25\% 5/ 15/2004 |  | 9,146,463 | 0.19\% | \$ | 8,750,000 |
| UNITED STATES TREAS NTS 6.5\% 5/ 15/2005 |  | 8,212,791 | 0.17\% | \$ | 7,565,000 |
| UNITED STATES TREASNTS 5.75 8/15/2003 |  | 7,800,000 | 0.16\% | \$ | 7,500,000 |
| UNITED STATES TREAS NTS 7.0\% 7/ 15/2006 |  | 6,991,669 | 0.14\% | \$ | 6,260,000 |
| LOEWS CORP SUB NT CONV 3.125\% 9/15/2007 |  | 6,893,870 | 0.14\% | \$ | 7,850,000 |
| Total | \$ | 107,536,428 | 2.20\% |  |  |

## Investment Section

## Schedule of Broker Commissions

The System has no commission recapture, directed payment, or "soft dollar" arrangements; however, such arrangements may exist between brokers and investment managers. Increased broker commissions during this fiscal year are due to transactional costs associated with major manager changes during the period. During fiscal year 2002, the System received $\$ 20,000$ in unsolicited commission recapture. Broker selection is the responsibility of individual investment managers.

Appendix A (on page 62) is a schedule of commissions paid during fiscal 2002 which totaled over \$20,000. Appendix B (pages 63-65) is a complete schedule of all commissions paid during fiscal 2002.

## Appendix - A <br> Schedule of Broker Commissions Over \$20,000

The following is a list of brokers who received \$20,000 or more in commissions during Fiscal Year 2002.

|  | \# of <br> Shares | Commission <br> Per Share | Total Dollar <br> Amount of Trades | Total <br> Commission |
| :--- | ---: | ---: | ---: | ---: |
| LEHMAN BROTHERS INC | $5,976,519$ | $\$ 0.05$ | $\$ 162,504,961.89$ | $\$ 269,248.90$ |
| CS FIRST BOSTON CORPORATION | $5,194,492$ | $\$ 0.05$ | $\$ 140,134,644.40$ | $\$ 244,483.74$ |
| DEUTSCHE BANC ALEX BROWN INC | $10,893,282$ | $\$ 0.02$ | $\$ 222,464,883.71$ | $\$ 240,599.61$ |
| INVESTMENT TECHNOLOGY GROUP | $10,032,811$ | $\$ 0.02$ | $\$ 256,075,034.02$ | $\$ 200,493.34$ |
| SALOMON SMITH BARNEY INC | $3,778,740$ | $\$ 0.05$ | $\$ 103,363,997.77$ | $\$ 175,851.60$ |
| B-TRADE SECURITIES LLC | $8,165,142$ | $\$ 0.02$ | $\$ 126,324,746.53$ | $\$ 162,002.94$ |
| BEAR STEARNS \& CO INC | $2,957,959$ | $\$ 0.05$ | $\$ 70,390,012.29$ | $\$ 136,380.42$ |
| FIRST UNION CAPITAL MARKETS | $2,034,200$ | $\$ 0.06$ | $\$ 64,974,981.23$ | $\$ 114,118.00$ |
| MERRILL LYNCH PIER FEN SMITH | $1,942,324$ | $\$ 0.05$ | $\$ 62,162,238.92$ | $\$ 96,880.20$ |
| LEGG MASON WOOD WALKER | $1,706,316$ | $\$ 0.05$ | $\$ 42,146,783.43$ | $\$ 85,315.80$ |
| GOLDMAN SACHS \& CO | $1,434,062$ | $\$ 0.05$ | $\$ 34,853,207.90$ | $\$ 73,400.60$ |
| CIBC OPPENHEIMER CORP | $1,363,633$ | $\$ 0.05$ | $\$ 30,086,996.06$ | $\$ 61,686.32$ |
| AUTRANET INC | $1,540,800$ | $\$ 0.04$ | $\$ 35,866,388.71$ | $\$ 61,211.00$ |
| MORGAN STANLEY \& CO | $1,249,947$ | $\$ 0.05$ | $\$ 21,437,252.90$ | $\$ 58,976.55$ |
| SPEAR, LEEDS \& KELLOGG | $1,940,668$ | $\$ 0.03$ | $\$ 60,970,893.77$ | $\$ 50,364.80$ |
| PRUDENTIAL SECURITIES | 786,100 | $\$ 0.05$ | $\$ 21,671,453.17$ | $\$ 39,471.00$ |
| J. P. MORGAN SECURITIES INC | 768,540 | $\$ 0.05$ | $\$ 18,971,851.43$ | $\$ 38,566.00$ |
| BANC/ AMERICA SECURITIES LLC | 779,313 | $\$ 0.04$ | $\$ 14,212,334.78$ | $\$ 34,690.65$ |
| JEFFERIES \& CO INC | 821,300 | $\$ 0.04$ | $\$ 16,716,911.00$ | $\$ 33,667.00$ |
| CANTOR FITZGERALD \& CO | 647,679 | $\$ 0.05$ | $\$ 15,504,947.38$ | $\$ 32,765.95$ |
| COWEN \& COMPANY | 623,310 | $\$ 0.05$ | $\$ 11,757,018.30$ | $\$ 31,163.50$ |
| CHARLES SCHWAB \& CO | 874,330 | $\$ 0.03$ | $\$ 14,850,175.71$ | $\$ 27,805.90$ |
| WARBURG DILLON READ INC | 435,350 | $\$ 0.05$ | $\$ 12,708,681.97$ | $\$ 22,566.50$ |
| THOMAS WEISEL PARTNERS, LLC | 436,000 | $\$ 0.05$ | $\$ 7,092,197.15$ | $\$ 21,800.00$ |
| RAYMOND JAMES \& ASSOC | 430,900 | $\$ 0.05$ | $\$ 9,414,708.72$ | $\$ 21,422.60$ |

