

Board of Retirement Regular Meeting

Sacramento County Employees' Retirement System

| Adenda item 1 | nda Item 1 | Iter | ıda | en | Aa |
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MEETING DATE: February 16, 2022

SUBJECT: Monthly Investment Manager Activity, Compliance, and

Watch List Report - January 2022

Deliberation Receive SUBMITTED FOR: X Consent and Action and File

RECOMMENDATION

Staff recommends the Board receive and file the Monthly Investment Manager Activity, Compliance, and Watch List report for January 2022.

PURPOSE

This item complies with SCERS' investment policy statement reporting requirements and contributes to the effective management and oversight of investment activities.

DISCUSSION

SCERS' investment manager transactions have been reviewed for compliance with their respective investment guidelines and objectives. No compliance violations have been found.

On September 30, 2020, SCERS migrated tracking of Private Markets cash flows to Colmore. Due to the differences in data tracking, some cash flow data may not footnote to previous internally tracked data.

Staff has submitted a full redemption request to Lakewood and removed the manager from the Watch List.

As of January 31, 2022, the following managers were on the Watch List:

- TCW MetWest Asset Management (Public Fixed Income)
- Mondrian (Public Equity)

February 16, 2022 Page 2 of 2 Agenda Item 11

Staff and the investment consultants will continue to monitor the performance and/or organizational concerns for SCERS' investment managers and update the Watch List accordingly.

ATTACHMENTS

- 1. Board Order
- 2. Monthly Investment Manager Activity and Compliance Report January 2022
- 3. Watch List with Commentary Report January 2022

| Prepared by: | |
|------------------------------------|-------------------------|
| ISI | |
| Michael Vang Investment Analyst | |
| Reviewed by: | |
| ISI | /S/ |
| Steve Davis | Eric Stern |
| Chief Investment Officer | Chief Executive Officer |



Retirement Board Order Sacramento County Employees' Retirement System

Before the Board of Retirement February 16, 2022

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Monthly Investment Manager Activity, Compliance, and Watch List Report – January 2022

THE BOARD OF RETIREMENT hereby accepts the recommendation of staff to receive and file the Monthly Investment Manager Activity, Compliance, and Watch List for January 2022.

I HEREBY CERTIFY that the above order was passed and adopted on February 16, 2022 by the following vote of the Board of Retirement, to wit:

| Board President | Chief Executive Officer and Board Secretary |
|--------------------------------------|---|
| Richard B. Fowler II | Eric Stern |
| / L | |
| ALTERNATES (Present but not voting): | |
| ABSTAIN: | |
| ABSENT: | |
| NOES: | |
| AYES: | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|---|--|----------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|---------------------|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | DOMEST | IC EQUITY | | | | | |
| 1 | Alliance Bernstein | Large Cap Passive | | \$1,231,385,437 | | | | Russell 1000 | Yes | N/A | \$8,260,633 | \$259,325,197 | Apple Inc, Microsoft Corp, Amazon.Com Inc, Alphabet Inc CI A, Alphabet Inc CI C, Tesla Inc, Meta Platforms Inc Class A, Nvidia Corp, Berkshire Hathaway Inc CI B, Johnson + Johnson |
| 2 | JP Morgan Asset Management | Equity 130/30 | | \$173,324,817 | | | | Russell 1000 | Yes | N/A | \$20,806,180 | \$23,319,062 | Microsoft , Amazon , Apple , Alphabet 1 , Nxp Semiconductors , Mastercard , UnitedHealth Group, Wells Fargo & Co, Lowes, Abbvie |
| 3 | D.E. Shaw Broad Market Core Alpha Extension | Equity 130/30 | | \$162,014,644 | | | | Russell 1000 | Yes | N/A | | | Microsoft, Apple Inc, Amazon.com, Tesla Inc, Walmart Inc, Alphabet Inc, Paypal Holdings, Ford Motor Co, Activision Blizzard Inc, Builders FirstSource Inc |
| 4 | Eagle Capital Management | Large Cap Core | : | \$337,022,976 | | | | Russell 1000 | Yes | N/A | \$1,685,467 | \$26,120,779 | Alphabet Inc CI C, Microsoft Corp, Meta Platforms Inc Class A, Amazon.Com Inc, Liberty Broadband C, Marriott International CI A, Morgan Stanley, Unitedhealth Group Inc, Citigroup Inc, Comcast Corp Class A |
| 5 | AQR US Enhanced Equity | Large Cap Core | | \$334,235,939 | | | | Russell 1000 | Yes | N/A | \$29,423,901 | \$48,498,996 | Apple Inc, Microsoft Corp, Amazon.Com Inc, Meta Platforms Inc Class A, Alphabet Inc Cl C, Tesla Inc, Alphabet Inc Cl A, Johnson + Johnson, Berkshire Hathaway Inc Cl B, Nvidia Corp |
| 6 | Weatherbie Capital | Small Cap Growth | | \$121,205,927 | | | | Russell 2000 Growth | Yes | N/A | \$12,400,975 | | Casella Waste Systems Inc A, Firstservice Corp, Siteone Landscape Supply Inc, Hamilton Lane Inc Class A, State Street Bank + Trust Co, Progyny Inc, Sps Commerce Inc, Stepstone Group Inc Class A, Globant Sa, Montrose Environmental Group |
| 7 | Snyder Capital Management | Small Cap Value | | \$114,075,591 | | | | Russell 2000 Value | Yes | N/A | \$1,171,055 | \$1,478,286 | Entegris Inc, Ugi Corp, Clean Harbors Inc, Kbr Inc, Halozyme Therapeutics Inc, State Street Bank + Trust Co, Idex Corp, Caci International Inc Cl A, Brixmor Property Group Inc, Power Integrations Inc |
| | TOTAL DOMESTIC EQUITY | | | \$2,473,265,331 | | | | | | | \$73,748,211 | \$385,309,652 | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|----|-----------------------------|----------------------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|-----------------------------|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | INTERNATIO | ONAL EQUITY | | | | | |
| 8 | Lazard Asset Management | ACWI ex-US | | \$464,045,634 | | | | MSCI ACWI ExU.S. | Yes | N/A | \$17,324,556 | \$16,357,203 | Lazard Emerging Markets Equity, Aon Plc Class A, State Street Bank + Trust Co, Relx Plc, Sanofi, National Bank Of Canada, Coca Cola Europacific Partne, Abb Ltd Reg, Cae Inc, Engle |
| 9 | LSV Asset Management | Developed Large Cap Value | | \$545,548,090 | | | | MSCI World ExU.S. | Yes | N/A | \$12,859,715 | \$11,049,088 | Roche Holding Ag Genusschein, Glaxosmithkline Plc, Sanofi, Kddi Corp, Novartis Ag Reg, Nippon Telegraph + Telephone, Totalenergies Se, Shell Plc, Itochu Corp, Swiss Life Holding Ag Reg |
| 10 | Walter Scott International | Developed Large Cap Growth | | \$632,285,643 | | | | MSCI World ExU.S. | Yes | N/A | \$125,467 | \$28 | Lvmh Moet Hennessy Louis Vui, Keyence Corp, Novo Nordisk A/S B, Smc Corp, Shin Etsu Chemical Co Ltd, Kuehne Nagel Intl Ag Reg, L Oreal, Asml Holding Nv, Daikin Industries Ltd, Merck Kgaa |
| 11 | William Blair International | Developed Small Cap Growth | | \$114,835,196 | | | | MSCI Small Cap World exU.S. | Yes | N/A | \$130,434,576 | \$130,332,330 | Not Available |
| 12 | Mondrian International | Developed Small Cap Value | Υ | \$111,087,122 | | | | MSCI Small Cap World exU.S. | Yes | N/A | \$1,629,418 | \$9,635,701 | US Dollar, US Dollar, Inchcape PLC, Coats Group PLC, Bodycote PLC, Systena Corp, Nifco Inc, PALTAC Corp, Fielmann AG, Tritax Big Box REIT |
| 13 | Rallie Gifford FM All Can | Emerging Market - All Cap | | \$252,297,061 | | | | MSCI Emerging Markets | Yes | N/A | 4,366,962 | \$2,398,423 | Taiwan Semicon.Mnfg., Petroleo Brasileiro Adr 1:2, Samsung Electronics, Tencent Holdings, Reliance Industries, Alibaba, Sberbank Spon Adr, China Merchants Bank 'H', Mediatek, Norilsk Nickel Adr |
| 14 | | Emerging Market - All Cap | Y | \$205,069,818 | | | | MSCI Emerging Markets | Yes | N/A | \$5,365,201 | \$12,163,033 | Taiwan Semiconductor Manufacturing Ltd, Ping An Insurance Co of China Class H, Alibaba Group Holding Ltd, Hon Hai Precision Industry Co Ltd, Samsung Electronics Co Ltd, Tencent Holdings Ltd, Baidu Inc Spon ADR, Housing Development Finance Corp Ltd, Credicorp Ltd, Midea Group Co Ltd Class A |
| | TOTAL INTERNATIONAL EQUITY | | | \$2,325,168,564 | | | | | | | \$172,105,895 | \$181,935,808 | |

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| | | | | | | | PRIVAT | E EQUITY | | | | | |
| 15 | Abbott Capital Private Equity Fund VI, LP | ₀Fund of Funds | | \$39,841,832 | \$75,000,000 | \$74,625,000 | \$109,273,791 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 16 | HarbourVest International PEP VI, LP | ₀Fund of Funds | | \$31,164,300 | \$50,000,000 | \$38,011,131 | \$46,705,056 | Cambridge Assoc. All Private Equity | Yes | N/A | | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 17 | HarbourVest VIII, LP | ₀Fund of Funds | | \$9,176,500 | \$50,000,000 | \$36,375,000 | \$61,271,917 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 18 | Private Equity (Goldman Sachs) X, LP | □Fund of Funds | | \$22,428,624 | \$75,000,000 | \$69,239,948 | \$100,930,626 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 19 | Accel-KKR Capital Partners IV, LP | Buyout | | \$15,886,019 | \$15,000,000 | \$15,614,845 | \$35,780,750 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 20 | Accel-KKR Capital Partners V, LP | Buyout | | \$26,291,902 | \$25,000,000 | \$24,715,001 | \$18,444,882 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$680,658 | |
| 21 | Accel-KKR Capital Partners VI, LP | Buyout | | \$6,567,459 | \$30,000,000 | \$7,476,200 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 22 | H.I.G. Capital Partners V, LP | Buyout | | \$12,570,438 | \$14,000,000 | \$13,569,193 | \$16,391,529 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 23 | Linden Capital Partners III, LP | Buyout - Middle Market Healthcare | | \$54,992,802 | \$35,000,000 | \$39,843,496 | \$60,797,242 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 24 | Linden Capital Partners IV, LP | Buyout - Middle Market Healthcare | | \$36,315,608 | \$44,330,000 | \$36,028,721 | \$7,749,292 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 25 | Linden Capital Partners V, LP | Buyout - Middle Market Healthcare | | | \$30,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 26 | Thoma Bravo Fund XI, LP | Buyout - Middle Market Technology | | \$59,176,596 | \$30,000,000 | \$31,357,162 | \$60,752,370 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 27 | Thoma Bravo Fund XII, LP | Buyout - Middle Market Technology | | \$51,211,328 | \$30,000,000 | \$32,208,409 | \$8,676,235 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 28 | Thoma Bravo Fund XIII, LP | Buyout - Middle Market Technoloav | | \$64,655,729 | \$45,000,000 | \$49,289,548 | \$23,173,644 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 29 | H.I.G. Europe Capital Partners II, LP | Buyout - Non-US | | \$10,345,529 | \$21,000,000 | \$14,081,833 | \$11,811,477 | Cambridge Assoc. All Private Equity | Yes | N/A | | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |

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| | | | | | | | PRIVAT | E EQUITY | | | | | |
| 30 | Waterland Fund V, LP | Buyout - Non-US | | \$3,352,055 | \$23,193,600 | \$16,335,632 | \$42,894,383 | Cambridge Assoc. All Private Equity | Yes | N/A | | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 31 | Waterland Fund VI, LP | Buyout - Non-US | | \$23,015,854 | \$30,000,000 | \$23,064,665 | \$26,536,013 | Cambridge Assoc. All Private Equity | Yes | N/A | | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 32 | Marlin Heritage, LP | Buyout - Small / Middle Market | | \$7,951,583 | \$10,000,000 | \$10,512,535 | \$18,275,392 | Cambridge Assoc. All Private Equity | Yes | N/A | \$4,477 | \$383,465 | |
| 33 | Marlin Heritage II, LP | Buyout - Small / Middle Market | | \$11,727,166 | \$10,000,000 | \$10,077,770 | \$2,116,996 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 34 | Marlin Heritage III, LP | Buyout - Small / Middle Market | | | \$30,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 35 | Marlin Heritage Europe, LP | Buyout - Small / Middle Market | | \$32,121,758 | \$14,400,000 | \$13,168,530 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 36 | Marlin Equity Partners IV, LP | Buyout - Middle Market | | \$12,043,757 | \$20,000,000 | \$20,069,966 | \$16,954,502 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 37 | Marlin Equity Partners V, LP | Buyout - Middle Market | | \$23,032,889 | \$25,000,000 | \$20,883,470 | \$7,851,392 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 38 | RRJ Capital Master Fund II, LP | Buyout -Special Situations SE Asia | | \$11,369,055 | \$35,000,000 | \$36,582,453 | \$41,877,721 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$1,034,223 | |
| 39 | RRJ Capital Master Fund III, LP | Buyout -Special Situations SE Asia | | \$12,806,057 | \$40,000,000 | \$38,060,775 | \$35,481,655 | Cambridge Assoc. All Private Equity | Yes | N/A | \$191,648 | \$90,160 | |
| 40 | Atalaya Special Opportunities Fund VI, LP | Distressed Debt - US | | \$3,105,924 | \$25,000,000 | \$30,429,078 | \$38,786,440 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$430,981 | |
| 41 | Davidson Kempner Long- Term Distressed Opportunities Fund IV, LP | Distressed Debt | | \$41,128,552 | \$35,000,000 | \$33,197,506 | \$4,990,383 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$1,393,903 | |
| 42 | Davidson Kempner Long- Term Distressed Opportunities Fund V, LP | Distressed Debt | | \$27,344,764 | \$30,000,000 | \$24,922,550 | \$256,970 | Cambridge Assoc. All Private Equity | Yes | N/A | \$1,447,550 | | |

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| | | | | | | | PRIVAT | E EQUITY | | | | | |
| 43 | Garrison Opportunity Fund III, LP | Distressed Debt | | \$8,294,841 | \$20,000,000 | \$20,000,000 | \$12,786,241 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 44 | H.I.G. Bayside Loan Opportunity III (Europe), LP | Distressed Debt | | \$4,066,005 | \$30,000,000 | \$25,597,763 | \$29,960,648 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 45 | TPG Opportunities Partners III, LP | Distressed Debt | | \$13,333,699 | \$40,000,000 | \$53,075,407 | \$52,690,907 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 46 | TSSP Opportunities Partners IV, LP | Distressed Debt | | \$28,958,947 | \$35,000,000 | \$27,610,471 | \$3,511,819 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 47 | Sixth Street Opportunities Partners V, LP | Distressed Debt | | | \$30,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 48 | Wayzata Opportunities Fund III, LP | Distressed Debt | | \$4,061,395 | \$30,000,000 | \$14,718,000 | \$9,541,283 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 47 | Strategic Value Special Situations Fund V, LP | Distressed Debt | | \$5,149,132 | \$30,000,000 | \$7,500,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 48 | Summit Partners Venture Capital Fund III, LP | Growth Equity | | \$3,150,639 | \$16,350,000 | \$19,745,220 | \$36,451 <i>,7</i> 12 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 49 | Summit Partners Venture Capital Fund IV, LP | Growth Equity | | \$42,082,198 | \$35,000,000 | \$37,199,102 | \$38,912,270 | Cambridge Assoc. All Private Equity | Yes | N/A | \$790,999 | | |
| 50 | Summit Partners Venture Capital Fund V, LP | Growth Equity | | \$5,114,914 | \$20,000,000 | \$5,155,585 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 51 | Summit Partners Europe Growth Equity Fund II, LP | Growth Equity | | \$38,158,766 | \$30,000,000 | \$38,124,673 | \$28,710,190 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 52 | Summit Partners Europe Growth Equity Fund III, LP | Growth Equity | | \$7,082,639 | \$20,000,000 | \$7,525,708 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 53 | TSG 7A,LP and TSG 7B, LP | Buyout - Consumer Brands | | \$34,737,161 | \$20,000,000 | \$16,910,310 | \$944,806 | Cambridge Assoc. All Private Equity | Yes | N/A | \$104,206 | \$28,162 | |
| 54 | TSG8, LP | Buyout - Consumer Brands | | \$21,794,100 | \$45,000,000 | \$22,986,050 | \$131,683 | Cambridge Assoc. All Private Equity | Yes | N/A | \$301,302 | | |
| 55 | TSG9, LP | Buyout - Consumer Brands | | | \$30,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 56 | Accel-KKR Growth Capital Partners II, LP | Growth Equity - Software Technology | | \$10,934,509 | \$15,000,000 | \$14,804,439 | \$23,642,887 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$1,055,777 | |

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| | | | | | | | PRIVAT | E EQUITY | | | | | |
| 57 | Accel-KKR Growth Capital Partners III, LP | Growth Equity - Software Technology | | \$31,523,507 | \$33,320,000 | \$27,792,663 | \$2,035,965 | Cambridge Assoc. All Private Equity | Yes | N/A | \$1,345,440 | | |
| 58 | Accel-KKR Growth Capital Partners IV, LP | Growth Equity - Software Technology | | | \$30,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 59 | Spectrum Equity Investors VII, LP | Growth Equity - Software Technology | | \$78,690,140 | \$25,000,000 | \$25,436,182 | \$56,746,119 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 60 | Spectrum Equity Fund VIII, LP | Growth Equity - Software Technology | | \$33,299,608 | \$25,000,000 | \$22,500,000 | \$20,751,997 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 61 | Spectrum Equity Fund IX, LF | Growth Equity - Software Technology | | \$8,905,306 | \$25,000,000 | \$9,750,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 62 | Dyal II US Investors, LP | Other | | \$34,109,278 | \$35,000,000 | \$35,111,823 | \$12,782,033 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$1,308,314 | |
| 63 | Dyal Capital Partners III, LP | Other | | \$25,847,039 | \$35,000,000 | \$29,808,586 | \$27,488,497 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$2,402,560 | |
| 64 | Khosla Ventures Fund IV, LF | Venture Capital | | \$24,314,012 | \$10,000,000 | \$9,810,000 | \$26,919,724 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 65 | Khosla Ventures Fund V, LP | Venture Capital | | \$51,986,535 | \$20,000,000 | \$19,300,000 | \$20,848,077 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 66 | Khosla Ventures Fund VI, LF | Venture Capital | | \$37,842,647 | \$35,000,000 | \$32,620,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | \$1,890,000 | | |
| 67 | Khosla Ventures Fund VII, LP | Venture Capital | | \$6,616,106 | \$20,000,000 | \$6,760,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 68 | NEA 14, LP | Venture Capital | | \$58,898,295 | \$25,000,000 | \$24,125,000 | \$25,787,628 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 69 | NEA 15, LP | Venture Capital | | \$56,057,272 | \$35,000,000 | \$33,075,000 | \$19,123,210 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$3,478,091 | |
| 70 | NEA 16, LP | Venture Capital | | \$44,363,602 | \$35,000,000 | \$29,925,000 | \$4,565,895 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 71 | NEA 17, LP | Venture Capital | | \$22,179,841 | \$25,000,000 | \$16,750,000 | \$1,935,235 | Cambridge Assoc. All Private Equity | Yes | N/A | | \$180,741 | |

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| | | | | | | | PRIVAT | E EQUITY | | | | | |
| 72 | Trinity Ventures XI, LP | Venture Capital | | \$60,419,218 | \$25,000,000 | \$24,625,000 | \$4,835,385 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 73 | Trinity Ventures XII, LP | Venture Capital | | \$81,651,673 | \$30,000,000 | \$25,725,000 | \$25,755,194 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 74 | RCP Advisors | Buyout & Co- Investment FoF | | \$53,817,749 | \$75,000,000 | \$21,010,802 | \$1,837,101 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 75 | Gridiron Capital Fund IV, LP | Buyout - Middle Market | | \$30,159,051 | \$30,000,000 | \$21,540,136 | \$1,493,268 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 76 | Threshold Ventures III, LP | Venture Capital | | \$22,929,426 | \$20,000,000 | \$15,180,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | \$520,000 | | |
| 77 | Threshold Ventures IV, LP | Venture Capital | | | \$25,000,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 78 | Cortec Group VII, L.P. | Buyout - Middle Market | | \$26,118,787 | \$30,000,000 | \$23,819,597 | \$4,433,222 | Cambridge Assoc. All Private Equity | Yes | N/A | \$171,854 | \$273,072 | |
| 79 | Shamrock Capital Content II, LP | Buyout - Middle Market | | \$5,572,609 | \$20,000,000 | \$7,770,360 | \$2,186,135 | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 80 | | Buyout - Middle Market | | \$938,322 | \$20,000,000 | \$938,322 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 81 | CRV XVIII, LP | Buyout - Middle Market | | \$15,565,665 | \$20,000,000 | \$15,150,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 82 | CRV XIX, LP | Buyout - Middle Market | | | \$22,500,000 | | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 83 | CRV Select I, LP | Venture Capital | | \$19,249,129 | \$20,000,000 | \$17,500,000 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| 84 | CRV Select II, LP | Venture Capital | | | \$22,500,000 | _ | | Cambridge Assoc. All Private Equity | Yes | N/A | | _ | |
| 85 | Orbimed Private Investments VIII, LP | Venture Capital | | \$6,452,705 | \$15,000,000 | \$6,487,500 | | Cambridge Assoc. All Private Equity | Yes | N/A | \$1,237,500 | | |
| 86 | Canvas III, LP | Venture Capital | | \$6,850,463 | \$20,000,000 | \$7,254,639 | | Cambridge Assoc. All Private Equity | Yes | N/A | | | |
| | TOTAL PRIVATE EQUITY | | | \$1,720,901,011 | \$2,151,593,600 | \$1,580,458,757 | \$1,294,589,791 | | | | \$8,004,976 | \$12,740,107 | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|-----|---|--------------------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|--|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | PRIVAT | E CREDIT | | | | | |
| 87 | Athyrium Opportunities Fund II, LP | Opport. Credit - Healthcare | | \$11,772,159 | \$32,000,000 | \$42,680,036 | \$41,283,138 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 88 | Athyrium Opportunities Fund III, LP | Opport. Credit - Healthcare | | \$14,760,609 | \$25,000,000 | \$27,652,053 | \$16,841,212 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 89 | OrbiMed Royalty & Credit Opportunities, L.P. | Opport. Credit - Healthcare | | \$11,574,090 | \$35,000,000 | \$20,650,000 | \$14,798,109 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 90 | Summit Partners Credit Fund I, LP | Direct Lending | | \$403,827 | \$20,000,000 | \$24,904,047 | \$30,839,090 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 91 | Summit Partners Credit Fund II, LP | Direct Lending | | \$14,028,834 | \$35,000,000 | \$49,063,150 | \$44,383,552 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 92 | Summit Partners Credit Fund III, LP | Direct Lending | | \$36,262,629 | \$50,000,000 | \$71,303,797 | \$48,524,495 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 93 | Tennenbaum Capital Partners Direct Lending Fund VIII | Direct Lending | | \$101,590,665 | \$125,000,000 | \$99,930,407 | \$18,797,589 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 94 | Benefit Street Partners Senior Secured Opportunities Fund, LP | Direct Lending | | \$32,820,625 | \$50,000,000 | \$50,000,000 | \$28,104,799 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 95 | IFM U.S. Infrastructure Debt Fund, LP | Direct Lending | | \$12,510,256 | \$40,000,000 | \$12,318,360 | \$562,776 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | \$3,471,321 | \$264,071 | |
| 96 | Benefit Street Partners Senior Opportunities Fund II, LP | Direct Lending | | \$23,877,219 | \$50,000,000 | \$23,284,805 | \$1,617,568 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 97 | MCP Private Capital Fund IV SCSP | Opport. Credit | | \$12,529,647 | \$35,000,000 | \$13,467,330 | \$130,618 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | \$1,398,948 | | Fund is denominated in Euros and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 98 | Silver Point Specialty Credit Fund II, LP | Opport. Credit | | \$27,619,877 | \$40,000,000 | \$28,635,455 | \$3,445,028 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 99 | Shamrock Capital Debt Opportunities Fund, LP | Direct Lending | | \$2,025,643 | \$20,000,000 | \$2,090,943 | | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| 100 | Ares Capital Europe Fund V, LP | Direct Lending | | \$13,250,080 | \$40,000,000 | \$12,527,643 | \$109,754 | Credit Suisse Leveraged Loan + 200 bps | Yes | N/A | | | |
| | TOTAL PRIVATE CREDIT | | | \$315,026,161 | \$597,000,000 | \$478,508,026 | \$249,437,728 | | | | \$4,870,269 | \$264,071 | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|--------------|---|----------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|--|--------|-------------------------|---------------------------------------|---------------------------------------|---|
| | PUBLIC CREDIT | | | | | | | | | | | | |
| 101 | Brigade SC Credit Opportunities Mandate, LLC | Strategic Credit | | \$222,152,564 | | | | 50% BofA Merrill Lynch High Yield Master II Constrained / 50% Credit Suisse Leveraged Loan | Yes | N/A | | | |
| | TOTAL PUBLIC CREDIT | | | \$222,152,564 | | | | | | | | | |
| | GROWTH ABSOLUTE RETURN | | | | | | | | | | | | |
| 102 | Grosvenor SC Absolute Return Fund, Series G (SCARF-G) | Separate Account | | \$61,539,430 | | | | HFRI FoF Composite Index +100 bps | Yes | Yes | | \$1,500,000 | Full Redemption and is expected to occur over the year based on liquidity |
| 103 | Lakewood Capital Partners, LP | Equity Long/Short | | \$1,183,278 | | | | HFRI FoF Composite Index +100 bps | Yes | Yes | | | Full Redemption |
| 104 | Third Point Partners Qualified, LP | Event Driven | | \$78,347,237 | | | | HFRI FoF Composite Index +100 bps | Yes | Yes | | | |
| 105 | Sculptor Domestic Partners Fund II, LP | Multi-Strategy | | \$66,036,491 | | | | HFRI FoF Composite Index +100 bps | Yes | Yes | | | |
| | TOTAL GROWTH ABSOLUTE RETURN | | | \$207,106,435 | | | | | | | | \$1,500,000 | |
| TOTAL GROWTH | OTAL GROWTH ASSET CATEGORY | | | \$7,263,620,065 | | | | | | | \$258,729,351 | \$581,749,638 | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|-----|---|--|---------------|--|----------------------------------|---------------------------------|----------------------------------|--------------------------------|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | DIVERSIFYING A | BSOLUTE RETURN | | | | | |
| 106 | Grosvenor SC Absolute Return Fund, Series D (SCARF-D) | Separate Account | | \$219,813,641 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 107 | Grosvenor SC Absolute Return Fund, Series B (SCARF-B) | Interim Separate Account | | \$180,528 | | | | HFRI FoF Conservative Index | Yes | Yes | | \$40,000 | |
| 108 | Elliott Associates, LP | Event Driven | | \$71,270,295 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 109 | Laurion Capital Management, LP | Market Neutral - Vol/Arb | | \$62,338,070 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 109 | Graham Global Investment Fund II SPC, Ltd | Systematic Global Macro | | \$36,723,463 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 110 | Marshall Wace Global Opportunities Fund | Equity Long/Short | | \$52,373,718 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 111 | KLS Diversified Fund, LP | Fixed Income Arbitrage | | \$169,292 | | | | HFRI FoF Conservative Index | Yes | Yes | | | SCERS terminated its investment in KLS Diversified Fund and requested a full redemption. Final proceeds to be received over the next several quarters. |
| 112 | Davidson Kempner Institutional Partners, L.P | Fixed Income Event Driven | | \$58,708,732 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 113 | Two Sigma Risk Premia Enhanced, LP | Systematic Global Market Neutral | | \$47,759,765 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 114 | LMR Fund Ltd. | Systematic Global Market Neutral | | \$49,718,964 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 115 | BlackRock Event Driven Equity Fund | Event Driven | | \$53,345,195 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 116 | PSquared Event Opportunity Fund | Event Driven | | \$52,986,100 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 117 | Aristeia Partners L.P. | Credit Relative Value | | \$48,681,300 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| 118 | Eisler Capital Fund, LP | Global Macro Discretionary | | \$42,707,773 | | | | HFRI FoF Conservative Index | Yes | Yes | | | |
| | TOTAL DIVERSIFYING ABSOLUTE RETURN | | | \$796,776,837 | | | | | | | | \$40,000 | |

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|----------------|--|-----------------------|---------------|--|----------------------------------|---------------------------------|----------------------------------|---|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | PUBLIC FIX | ED INCOME | | | | | |
| 119 | Neuberger Investment Management | U.S. Treasury | | \$471,477,809 | | | | Barclays U.S. Treasury | Yes | N/A | \$30,690,196 | \$28,953,410 | Us Treasury N/B, Us Treasury N/B |
| 120 | TCW MetWest Asset Management | Core Plus | Y | \$502,880,875 | | | | Barclays U.S. Aggregate Bond | Yes | N/A | \$319,239,675 | \$312,392,544 | Swfcme031 Irs Usd R F 1.68750, Us Treasury N/B, Fnma Tba 30 Yr 2.5, Us Treasury N/B, Fnma Tba 30 Yr 2, Us Treasury N/B, Treasury Bill, Us Treasury N/B, Us Treasury N/B, Us Treasury N/B |
| 121 | Prudential Investment Management | Core Plus | | \$501,422,776 | | | | Barclays U.S. Aggregate Bond | Yes | N/A | \$41,248,913 | \$37,325,165 | Us Treasury N/B, State Street Bank + Trust Co, Strips, Ptbltr |
| 122 | Brandywine Global Investment Management | Global | | \$272,024,947 | | | | 80% Citigroup WGBI exU.S. / 20% JP Morgan GBI EM Diversified | Yes | N/A | \$12,836,885 | \$16,748,511 | Us Treasury Frn Flt 01/31/23, Us Treasury Frn Flt 10/31/22, Us Treasury Frn Flt 07/31/23, Korea Trsy Bd 2% 06/10/31, China Govt Bond 3,81% 09/14/50, Us Treasury Frn Flt 10/31/23, Mexican Bonos 7.75% 11/13/42, Mexican Bonos 8.5% 11/18/38, Mexican Bonos 8.5% 05/31/29, Us Treasury N/B 1.875% 11/15/51 |
| | TOTAL FIXED INCOME | | | \$1,747,806,407 | | | | | | | \$404,015,669 | \$395,419,631 | |
| | l | I. | ı | | | | | | | | | | |
| TOTAL DIVERSIF | YING ASSET CATEGORY | | | \$2,544,583,243 | | | | | | | \$404,015,669 | \$395,459,631 | |
| | | | | | | | | | | | | | |
| | | | | | | | CORE RE | AL ESTATE | | | | | |
| 123 | Brookfield Premier Real Estate Partners, LP | Real Estate - Core | | \$110,759,262 | | | | NFI-ODCE Index | Yes | N/A | | \$1,222,804 | |
| 124 | Clarion Lion Properties Fund, LP | Real Estate - Core | | \$125,714,137 | | | | NFI-ODCE Index | Yes | N/A | | \$816,791 | |
| 125 | MetLife Core Property Fund | Real Estate - Core | | \$81,572,637 | | | | NFI-ODCE Index | Yes | N/A | | | |
| 125 | Principal US Property Account | Real Estate - Core | | \$59,894,905 | | | | NFI-ODCE Index | Yes | N/A | | | |
| 126 | Prologis Targeted Europe Logistics Fund, LP | Real Estate - Core | | \$67,388,897 | | | | NFI-ODCE Index | Yes | N/A | | \$235,840 | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 127 | Prologis Targeted US Logistics Fund, LP | Real Estate - Core | | \$107,745,665 | | | | NFI-ODCE Index | Yes | N/A | | \$488,022 | |
| 128 | Townsend Real Estate Fund, LP | Real Estate - Core | | \$146,250,397 | | | | NFI-ODCE Index | Yes | N/A | | | |
| | TOTAL CORE REAL ESTATE | | | \$699,325,901 | | | | | | | | \$2,763,456 | |

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|-----|---|---------------------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|--------------------|--------|-------------------------|---------------------------------------|---------------------------------------|--|
| | | | | | | | NON-CORE | REAL ESTATE | | | | | |
| 129 | DRC European Real Estate Debt Fund II, LP | Real Estate - Value Add Debt | + | \$2,513,223 | \$50,000,000 | \$82,278,695 | \$80,128,864 | NFI-ODCE + 100 bps | Yes | N/A | | | Fund is denominated in UK pound sterling and has been converted to US dollars based on the exchange rate at the time of the transaction. |
| 130 | Carlyle China Realty, LP | Real Estate - Opport. | | \$8,707,172 | \$10,000,000 | \$10,572,646 | \$2,342,232 | NFI-ODCE + 100 bps | Yes | N/A | \$80,359 | | |
| 131 | Carlyle China Rome Logistics, LP | Real Estate - Opport. | | \$38,686,846 | \$40,000,000 | \$38,063,980 | \$344,957 | NFI-ODCE + 100 bps | Yes | N/A | \$256,127 | | |
| 132 | CIM Opportunity Fund VIII, LP | Real Estate - Opport. | | \$29,923,278 | \$35,000,000 | \$42,942,655 | \$12,630,693 | NFI-ODCE + 100 bps | Yes | N/A | | \$26,604 | |
| 133 | KKR Real Estate Partners Americas, LP | Real Estate - Opport. | | \$1,719,554 | \$35,000,000 | \$32,307,906 | \$39,210,029 | NFI-ODCE + 100 bps | Yes | N/A | | | |
| 134 | Sculptor Real Estate Fund III, LP | Real Estate - Opport. | | \$8,838,813 | \$35,000,000 | \$26,983,648 | \$32,929,667 | NFI-ODCE + 100 bps | Yes | N/A | \$26,688 | | |
| 135 | Sculptor Real Estate Fund IV, LP | Real Estate - Opport. | | \$3,211,597 | \$30,000,000 | \$8,060,625 | \$5,297,627 | NFI-ODCE + 100 bps | Yes | N/A | \$871,315 | \$1,674,384 | |
| 136 | ECE European Prime Shopping Centre Fund II, SCS SIF | Real Estate - Value Add | | \$33,689,543 | \$35,000,000 | \$34,628,722 | \$3,779,249 | NFI-ODCE + 100 bps | Yes | N/A | | | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 137 | Hammes Partners II, LP | Real Estate - Value Add | | \$2,750,232 | \$25,000,000 | \$27,340,026 | \$43,191,458 | NFI-ODCE + 100 bps | Yes | N/A | | | |
| 138 | Hammes Partners III, L.P. | Real Estate - Value Add | | \$19,224,961 | \$31,250,000 | \$23,918,513 | \$6,843,246 | NFI-ODCE + 100 bps | Yes | N/A | | | |
| 139 | NREP Nordic Strategies Fund, FCP-FIS | Real Estate - Value Add | | | \$25,000,000 | \$23,072,051 | \$36,063,261 | NFI-ODCE + 100 bps | Yes | N/A | | | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 140 | NREP Nordic Strategies Fund II, SCSp | Real Estate - Value Add | | \$27,462,848 | \$35,000,000 | \$34,897,013 | \$38,635,129 | NFI-ODCE + 100 bps | Yes | N/A | | \$16,370,976 | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 141 | NREP Nordic Strategies Fund III, SCSp | Real Estate - Value Add | | \$35,617,914 | \$32,000,000 | \$28,595,789 | | NFI-ODCE + 100 bps | Yes | N/A | \$2,411,130 | | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 142 | NREP Nordic Strategies Fund IV, SCSp | Real Estate - Value Add | | \$9,476,000 | \$35,400,000 | \$9,048,469 | | NFI-ODCE + 100 bps | Yes | N/A | | | Fund is denominated in Euros, which will then be converted to US dollars based on the exchange rate at the time of the transaction. |
| 143 | Asana Partners Fund II, LP | Real Estate - Value Add | | \$21,707,575 | \$35,000,000 | \$18,025,000 | | NFI-ODCE + 100 bps | Yes | N/A | | | |
| 144 | Asana Partners Fund II, LP | Real Estate - Value Add | | | \$40,000,000 | | | NFI-ODCE + 100 bps | Yes | N/A | | | |
| 145 | LaSalle China Logistics Venture, LP | Real Estate - Opport. | | \$2,470,546 | \$30,000,000 | \$2,917,779 | | NFI-ODCE + 100 bps | Yes | N/A | | | |
| | TOTAL NON-CORE REAL ESTAT | E | | \$246,000,102 | \$558,650,000 | \$443,653,519 | \$301,396,412 | | | | \$3,645,619 | \$18,071,964 | |
| | TOTAL REAL ESTATE | | | \$945,326,002 | \$558,650,000 | \$443,653,519 | \$301,396,412 | | | | \$3,645,619 | \$20,835,420 | |

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|-----|--|-----------------------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|------------------|--------|-------------------------|---------------------------------------|---------------------------------------|------------------------------|
| | | | | | | | REAL | ASSETS | | | | | |
| 146 | ACM Fund II, LLC | Real Assets - Agriculture | | \$17,545,083 | \$25,000,000 | \$27,415,263 | \$4,664,672 | Blended Index*** | Yes | N/A | | | |
| 147 | ArcLight Energy Partners VI, LP | Energy - Midstream | | \$25,326,658 | \$40,000,000 | \$42,665,239 | \$18,943,948 | Blended Index*** | Yes | N/A | | | |
| 148 | EnCap Flatrock Midstream | Energy - Midstream | | \$13,802,256 | \$20,000,000 | \$24,410,934 | \$15,725,500 | Blended Index*** | Yes | N/A | | | |
| 149 | EnCap Flatrock Midstream Fund IV, LP | Energy - Midstream | | \$6,249,485 | \$22,500,000 | \$11,425,292 | \$7,179,989 | Blended Index*** | Yes | N/A | | | |
| 150 | Quantum Energy Partners VI, LP | Energy - Midstream | | \$42,628,917 | \$35,000,000 | \$33,060,977 | \$23,673,081 | Blended Index*** | Yes | N/A | | | |
| 151 | Quantum Energy Partners VII, LP | Energy - Midstream | | \$31,545,312 | \$40,000,000 | \$31,059,329 | \$11,057,145 | Blended Index*** | Yes | N/A | | | |
| 152 | EnCap Energy Capital Fund IX, LP | Energy - Upstream | | \$14,313,780 | \$33,000,000 | \$37,855,847 | \$33,869,184 | Blended Index*** | Yes | N/A | | \$1,019,356 | |
| 153 | EnCap Energy Capital Fund X, LP | Energy - Upstream | | \$31,727,203 | \$40,000,000 | \$40,310,371 | \$22,022,549 | Blended Index*** | Yes | N/A | \$183,255 | \$2,411,735 | |
| 154 | First Reserve Energy Infrastructure II, LP | Energy Infrastruc. | | \$15,295,770 | \$35,000,000 | \$40,287,139 | \$37,478,003 | Blended Index*** | Yes | N/A | | | |
| 155 | Carlyle Power Partners II, LP | Energy - Power | | \$36,903,027 | \$40,000,000 | \$42,877,975 | \$15,752,005 | Blended Index*** | Yes | N/A | | | |
| 156 | Brookfield Infrastructure Fund III, LP | Infrastruc Core | | \$34,244,979 | \$40,000,000 | \$37,479,617 | \$15,542,005 | Blended Index*** | Yes | N/A | | | |
| 157 | IFM Global Infrastructure Fund (US), LP | Infrastruc Core | | \$146,313,633 | \$125,000,000 | \$125,000,000 | \$43,615,686 | Blended Index*** | Yes | N/A | | | |
| 158 | Meridiam Infrastructure North America III, LP | Infrastruc Core | | \$11,313,450 | \$50,000,000 | \$8,021,265 | \$860 | Blended Index*** | Yes | N/A | | | |
| 159 | Wastewater Opportunity Fund, LP | Infrastruc Water/ Wastewate | | \$16,303,963 | \$25,000,000 | \$25,558,944 | \$9,212,741 | Blended Index*** | Yes | N/A | | | |
| 160 | Pantheon SCERS Secondary Infrastructure, LLC | Intrastruc Secondary Separate | | \$57,366,923 | \$100,000,000 | \$77,831,683 | \$61,100,000 | Blended Index*** | Yes | N/A | | | |
| 161 | Atalaya SCERS SMA, LLC | Asser Backea Lending | | | \$100,000,000 | \$36,168,771 | \$45,100,618 | Blended Index*** | Yes | N/A | | | Fund has been fully redeemed |

^{***} Real Assets Blended Index: 45% Cambridge Private Infrastructure, 35% Cambridge Private Energy, 10% NCREIF Agriculture, 10% NCREIF Timber

| # | Investment Manager | Fund Type | Watch List | Net Asset Value (as of January 31, 2022)* | SCERS Investment / Commitment | Total Capital Called to Date | Total Capital Returned to Date** | Benchmark | Comply | Counter-Party Comply | Monthly Purchases / Capital Called | Monthly Sales / Capital Returned** | Top 10 Holdings / Notes |
|-----|---|--------------------------------------|---------------|--|----------------------------------|---------------------------------|-------------------------------------|------------------|--------|-------------------------|---------------------------------------|---------------------------------------|-------------------------|
| | REAL ASSETS | | | | | | | | | | | | |
| 162 | Tailwater Energy Fund III, LP | Energy - Midstream Infrastruc. | | \$28,922,358 | \$32,000,000 | \$31,972,243 | \$2,133,241 | Blended Index*** | Yes | N/A | \$575,969 | | |
| 163 | Tailwater Energy Fund IV, LF | Energy - Midstream Infrastruc. | | \$22,176,376 | \$35,000,000 | \$20,825,108 | \$20,385 | Blended Index*** | Yes | N/A | \$1,437,137 | | |
| 164 | ISQ Global Infrastructure Fund II, LP | Infrastruc Value Add | | \$45,870,305 | \$50,000,000 | \$43,396,560 | \$10,214,988 | Blended Index*** | Yes | N/A | | | |
| 165 | ISQ Global Infrastructure Fund III, LP | Infrastruc Value Add | | | \$50,000,000 | \$3,927,480 | \$71 | Blended Index*** | Yes | N/A | | | |
| 166 | Paine Schwartz Food Chain Fund V, LP | Agriculture | | \$21,539,485 | \$40,000,000 | \$20,647,545 | \$1,311,353 | Blended Index*** | Yes | N/A | | | |
| 167 | EQT Infrastructure Fund IV, SCSp | Infrastruc Value Add | | \$30,685,301 | \$35,000,000 | \$30,851,224 | \$4,815,455 | Blended Index*** | Yes | N/A | | | |
| 168 | Brookfield Infrastructure Fund IV, L.P. | Infrastruc Value Add | | \$27,020,763 | \$40,000,000 | \$26,487,703 | \$3,508,859 | Blended Index*** | Yes | N/A | | | |
| 169 | NGP Royalty Partners, LP | Infrastruc Value Add | | \$17,608,399 | \$40,000,000 | \$21,972,219 | \$12,619,306 | Blended Index*** | Yes | N/A | | \$739,502 | |
| 170 | Harrison Street Social Infrastructure Fund, LP | Energy - Royalties | | \$73,870, <u>222</u> | \$75,000,000 | \$73,145,635 | \$120,197 | Blended Index*** | Yes | N/A | | | |
| 171 | Digital Colony Partners II, LF | Infrastruc Value Add | | \$15,701,238 | \$35,000,000 | \$15,791,955 | \$90,717 | Blended Index*** | Yes | N/A | | | |
| 172 | Meridiam Sustainable Infrastructure Europe IV | Infrastruc Value Add | | \$4,698,934 | \$50,000,000 | \$4,791,101 | \$1,968 | Blended Index*** | Yes | N/A | \$3,268,270 | | |
| | TOTAL PRIVATE REAL ASSETS | | | \$788,973,821 | \$1,252,500,000 | \$935,237,420 | \$399,774,525 | | | | \$5,464,632 | \$4,170,593 | |

^{***} Real Assets Blended Index: 45% Cambridge Private Infrastructure, 35% Cambridge Private Energy, 10% NCREIF Agriculture, 10% NCREIF Timber

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| | | | | | | | Liquid Re | eal Return | | | | | |
| 172 | Brookfield Liquid Real Return | Real Assets - Liquid Real Return | | \$114,463,239 | | | | Custom Blended Benchmark of real asset strategies. | Yes | N/A | \$11,900,967 | \$11,395,230 | |
| 173 | SSgA Real Asset Strategy Proxy | Real Assets Overlay | | \$319,734,305 | | | | Blend of weighted real return asset class benchmarks. | Yes | N/A | \$23,774,600 | \$7,502,461 | |
| | Liquid Real Return | | | \$434,197,545 | | | | | | | \$35,675,567 | \$18,897,691 | |
| | | | | | | | | | | | | | |
| TAL REAL RET | URN ASSET CATEGORY | | | \$2,168,497,368 | | | | | | | \$44,785,817 | \$43,903,704 | |
| | | | | | | | | | | | | | |
| | | | | | | | OPPOR | TUNITIES | | | | | |
| 174 | Atalaya Special Opportunities Fund V, LP | Distressed Debt - US | | \$2,799,068 | \$25,000,000 | \$24,875,000 | \$25,416,444 | Cambridge Assoc. All PE | Yes | N/A | | \$561,709 | |
| | TOTAL OPPORTUNTIES | | | \$2,799,068 | \$25,000,000 | \$24,875,000 | \$25,416,444 | | | | | \$561,709 | |
| | | | | | | | | | | | | | |
| | | | | | | | SHOR | T-TERM | | | | | |
| 175 | State Street Global Advisors - STIF (Cash Account) | Cash | | \$525,564,214 | | | | 91 Day T-Bill | Yes | N/A | \$140,332,883 | \$100,375,737 | Unallocated cash is swept into a short-term investment fund. |
| 176 | State Street DDA - Dedicated Cash Account | Cash | | \$96,393,000 | | | | Overnight LIBOR | Yes | N/A | | | Dedicated cash allocation established at the beginning of Q3 20 with the adjustment to the Strategic Asset Allocation approved J1 2019. |
| | TOTAL SHORT-TERM | | | \$621,957,214 | | | | | | | \$140,332,883 | \$100,375,737 | |
| | | | | | | | FUTURES | OVERLAY | | | | | |
| 177 | State Street Global Advisors (Futures Overlay) | Overlay | | \$176,353,950 | | | | Target Asset Allocation | Yes | N/A | \$373,176,222 | \$312,285,505 | State Street Bank + Trust Co, Fnma Tba 30 Yr 2.5, Fnma Tba 30 Yr 2 Fnma Tba 30 Yr 3, Gnma li Tba 30 Yr 3, Us Dollar, Fnma Tba 15 Yr 2 Euro Currency, Pound Sterling, Canadian Dollar |
| | TOTAL FUTURES OVERLAY | | | \$176,353,950 | | | | | | | \$373,176,222 | \$312,285,505 | |
| | | | | | | | | | | | | | |
| FRS TOTAL F | PORTFOLIO | | | \$12,777,810,909 | \$4,584,743,600 | \$3,462,732,721 | \$2,270,614,899 | | | | \$1,221,039,942 | \$1,434,335,924 | |

| # | Investment Manager | Fund Type | Reason | Effective (month - year) | Commentary | | | |
|---|-------------------------------------|------------------------|----------------------------|-----------------------------|--|--|--|--|
| 1 | TCW MetWest Asset Management | Public Fixed Income | Organization Restructuring | Sep-21 | TCW, a public fixed income manager, is being placed on the watch list due to a restructuring within the organization. As of December 31, 2021, TCW has generated flat return for the quarter and a YTD return of -0.9%. Since inception, the fund has performed relatively well with a 5.8% return and annualized 3-year, 5-year, and 10-year returns of 6.0%, 4.5%, and 4.3%, respectively. Staff will continue to monitor the organizational restructuring for further developments and potential performance impact. | | | |
| 2 | Mondrian International Small Cap | Public Equity | Performance | Oct-21 | Mondrian is a value oriented public equity manager and its International Small Cap strategy invests in International Small Cap Equities within Developed Markets. At the time of being placed on the watch list, Mondrian was underperforming across various time periods. As of December 31, 2021, Mondrian's International Small Cap's performance has improved as returns across various time periods have outperformed the benchmark. However, the manager underperformed for Q4 with a -2.6%. SCERS will continue to monitor Mondrian's performance. | | | |
| 3 | Mondrian Emerging Markets Equity | Public Equity | Performance | Oct-21 | Mondrian is a value oriented public equity manager and its Emerging Market strategy invests in public equity securities across the market cap spectrum. At the time of being placed on the watch list, Mondrian was underperforming across various time periods. A of December 31, 2021, Mondrian's EM strategy generated a Q4 return of -0.7% and YTC return of -4.2%. Across the various time periods, Mondrian has improved performance with the 3-year and 5-year annualized returns beating the benchmark. However, SCER will continue to monitor Mondrian's performance. | | | |